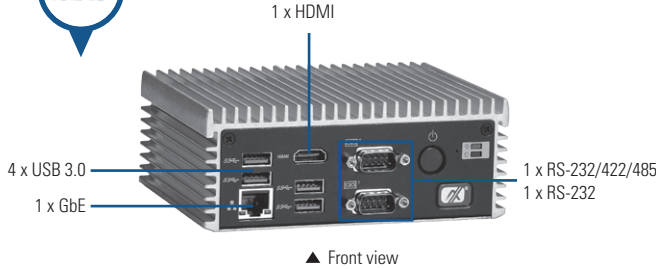


eBOX560-300-FL

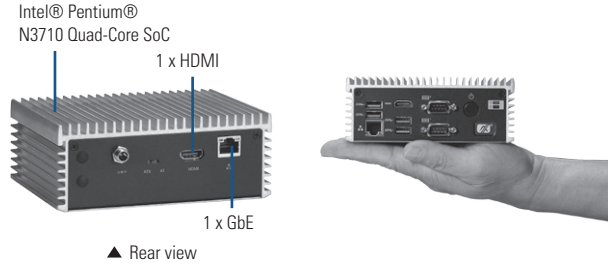
Fanless Embedded System with Intel® Pentium® N3710 1.6 GHz, 2 HDMI, 2 GbE LANs, 4 USB 3.0, 2 COM and PCI Express Mini Card



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Pentium® N3710 1.6 GHz Braswell quad-core SoC
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, max. up to 8 GB
Chipset	SoC Integrated
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 1 x RS-232 2 x HDMI 2 x 10/100/1000 Mbps Ethernet 4 x USB 3.0 2 x antenna opening 1 x VDC 12V power input connector 1 x ATX power switch 1 x reset 1 x ATX/AT quick switch
Watchdog Timer	255 levels, 1-255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x full-size PCI Express Mini Card slot (USB + PCIe signal)
System Indicator	1 x green LED for system power-on 1 x red LED for HDD active
Power Supply	Input: AC 90-264V, AC 60W adapter with lock Output: DC 12V @ 5A
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F), with W.T. SSD & Memory non-boost mode
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10%-95% , non-condensing
Vibration Endurance	3 Grms w/ SSD™ (5-500Hz, X, Y, Z directions)
Dimensions	141.5 mm (5.57") (W) x 106 mm (4.17") (D) x 55 mm (2.17") (H)
Weight (net/gross)	0.8 kg (1.76 lb)/1.5 kg (3.31 lb)
Certification	CE
EOS Support	WEBS, WES7, Linux, Win10 IoT

- Intel® Pentium® N3710 1.6 GHz quad-core SoC (Braswell)
- Ultra-compact size with fanless operation design
- Supports 2 HDMI independent displays with up to 4K resolution
- Supports 2 COM and 4 USB ports
- Dual GbE LAN ports support WoL, Teaming and PXE
- 1 PCI Express Mini Card for WLAN/WWAN/mSATA
- AXView 2.0 supported



Power Protection

OVP (over voltage protection)
OCP (over current protection)
SCP (short circuit protection)

Ordering Information

Standard	
eBOX560-300-FL-N3710-US	Fanless embedded system with Intel® Pentium® N3710 1.6 GHz, 2 HDMI, 2 GbE LANs, 4 USB 3.0, 2 COM and PCI Express Mini Card, 60W AC/DC adapter and US power cord
eBOX560-300-FL-N3710-EU	Fanless embedded system with Intel® Pentium® N3710 1.6 GHz, 2 HDMI, 2 GbE LANs, 4 USB 3.0, 2 COM and PCI Express Mini Card, 60W AC/DC adapter and EU power cord

Optional	
2.5" SATA HDD	40 GB or above
2.5" SATA SSD	16 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
Wallmount Kit	826K5600000E
Din-rail Kit	826K5600050E
VESA mount kit	826K5600010E
WLAN/WWAN module	
Power cord	

*Specifications and certifications are based on requirements and may vary.

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

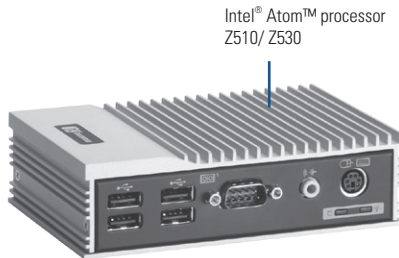
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

eBOX510-820-FL

Fanless Embedded System with Intel® Atom™ Processor Z510/ Z530
up to 1.6 GHz



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
Chipset	Intel® US15W core logic
BIOS	Phoenix-Award
System I/O Outlet	1 x RS-232 (COM 1) 1 x VGA 1 x Audio (Line-out) 1 x PS/2 keyboard/mouse 1 x 10/100/1000Mbps Ethernet (Realtek RTL8111B) 4 x USB 2.0 1 x VDC 5V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input: AC 100 ~ 240V, AC 25W adapter with lock Output: DC 5V @ 5A
Operating Temperature	0° ~ +50°C (32°F ~ 122°F) (with W.T. CF)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, no-condensing
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 37.5 mm (1.47") (H)
Weight (net/gross)	0.48 kg (1.06 lb)/0.5 kg (1.1 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux, WES, WES7

* XPE: Windows® XP Embedded

* WES: Windows® XP Embedded Standard

* WES7: Windows® XP Embedded Standard 7

* WES8: Windows® XP Embedded Standard 8

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x Y cable for PS/2 keyboard/mouse
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x wall mount kit
- 1 x power cord

Features

- Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz) onboard
- Intel® US15W core logic chipset
- Ultra slim and power-efficient design
- Supports 4 USB 2.0 ports and 1 COM port
- Supports 10/100/1000Mbps Ethernet
- Supports CompactFlash™



▲ Rear view

Power Protection

AC Version

OVP (over voltage protection)

SCP (short circuit protection)

OPP (over power protection)

Ordering Information

Standard

eBOX510-820-FL 1.1G Fanless embedded system with Intel Atom processor Z510 1.1 GHz, 25W AC/DC adapter

eBOX510-820-FL 1.6G Fanless embedded system with Intel Atom processor Z530 1.6 GHz, 25W AC/DC adapter

Optional

DDR2 SODIMM 512 MB ~ 2 GB

CompactFlash 1 GB or above

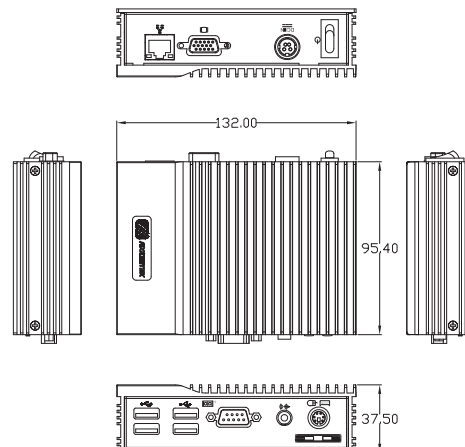
Din rail kit

VESA mount kit

Power cord

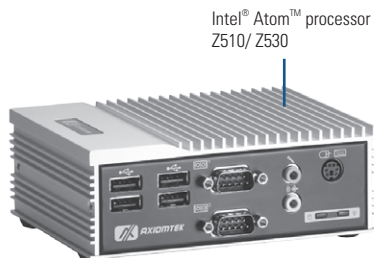
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX530-820-FL

Fanless Embedded System with Intel® Atom™ Processor Z510/ Z530 up to 1.6 GHz



▲ Front view



IP40 Fanless Low Power

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
Chipset	Intel® US15W core logic
BIOS	Phoenix-Award
System I/O Outlet	2 x RS-232 (COM 1/2) 1 x VGA 1 x Audio (Line-out/Mic-in) 1 x PS/2 keyboard/mouse 1 x 10/100/1000Mbps Ethernet (Realtek RTL8111B) 4 x USB 2.0 1 x VDC 5V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input: AC 100 ~ 240V, AC 25W adapter with lock Output: DC 5V @ 5A
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD) 0°C ~ +50°C (32°F ~ 122°F) (with W.T. SSD & W.T. CF)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 47.5 mm (1.87") (H)
Weight (net/gross)	0.5 kg (1.1 lb)/0.6 kg (1.32 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux, WES, WES7

* XPE: Windows® XP Embedded
* WES: Windows® XP Embedded Standard
* WES7: Windows® XP Embedded Standard 7
* WES8: Windows® XP Embedded Standard 8

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x Y cable for PS/2 keyboard/mouse
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x wall mount kit
- 1 x power cord
- 1 x HDD mylar

Features

- Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz) onboard
- Intel® US15W core logic chipset
- Ultra slim and compact design
- Supports 4 USB 2.0 ports and 2 COM ports
- Supports 10/100/1000Mbps Ethernet
- One 2.5" SATA HDD drive bay, 1 CompactFlash™



▲ Rear view



Power Protection

AC Version

OVP (over voltage protection)
SCP (short circuit protection)
OPP (over power protection)

Ordering Information

Standard

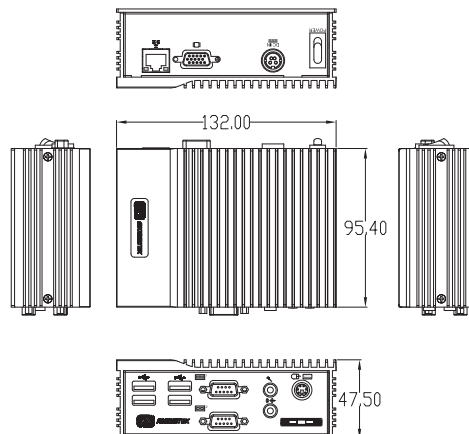
eBOX530-820-FL1.1G	Fanless embedded system with Intel® Atom™ processor Z510 1.1 GHz, 25W AC/DC adapter
eBOX530-820-FL1.6G	Fanless embedded system with Intel® Atom™ processor Z530 1.6 GHz, 25W AC/DC adapter

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR2 SODIMM	512 MB ~ 2 GB
CompactFlash™	1 GB or above
Din rail kit	
VESA mount kit	
Power cord	

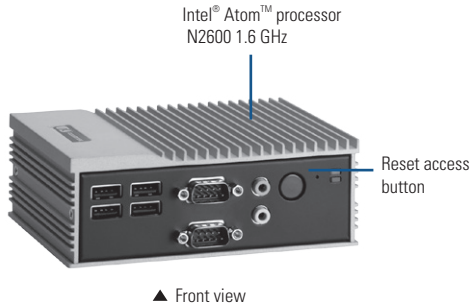
* Specifications and certifications are based on options and may vary.

Dimensions



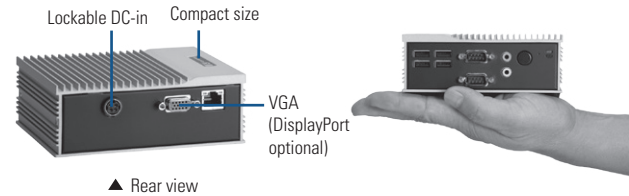
eBOX530-830-FL

Fanless Embedded System with Intel® Atom™ Processor N2600 1.6 GHz, VGA or DisplayPort, GbE LAN, 4 USB and 2 COM



Features

- Intel® Atom™ Cedarview processor N2600 1.6 GHz dual core
- Fanless operation design with full feature I/O
- 204-pin DDR3-800 SO-DIMM max. up to 2 GB
- One 2.5" SATA drive bay and 1 CFast™ slot
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor N2600 1.6 GHz
System Memory	1 x 204-pin DDR3-800 SO-DIMM max. up to 2 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 1 x VGA or 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 1 x 10/100/1000Mbps Ethernet (Intel® 82583V) 4 x USB 2.0 1 x VDC 5V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 100-240V, AC 40W adapter with lock Output: DC 5V @ 8A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (with W.T. SSD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 47.5 mm (1.87") (H)
Weight (net/gross)	0.5 kg (1.1 lb)/ 0.6 kg (1.32 lb)
Certificate	CE
EOS Support	WES7, WE8S, Linux

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x wall mount kit
- 1 x power cord
- 1 x HDD mylar

Power Protection

AC Version

- OVP (over voltage protection)
- SCP (short circuit protection)
- OPP (over power protection)

Ordering Information

Standard

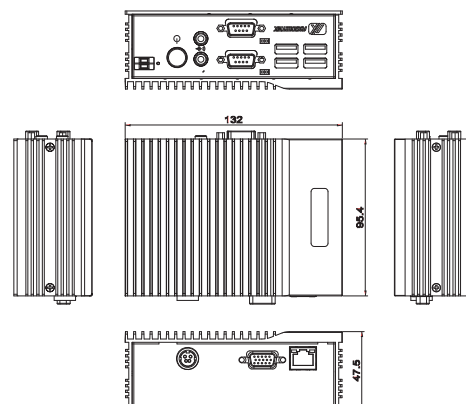
eBOX530-830-FL-N2600-VGA-RC-US	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and US power cord
eBOX530-830-FL-N2600-VGA-RC-EU	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and EU power cord
eBOX530-830-FL-N2600-DP-RC-US	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, DisplayPort, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and US power cord
eBOX530-830-FL-N2600-DP-RC-EU	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, DisplayPort, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	1 GB - 2 GB
CFast™	512 MB or above
Din-rail kit	
VESA mount kit	
Power cord	

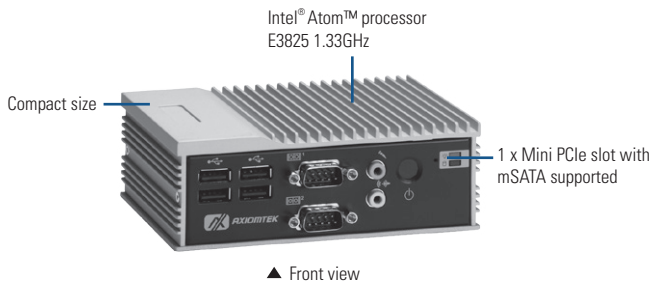
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX530-840-FL

Fanless Embedded System with Intel® Atom™ Processor E3825 1.33 GHz, VGA or HDMI, GbE LAN, 2 COM and 4 USB



Specifications

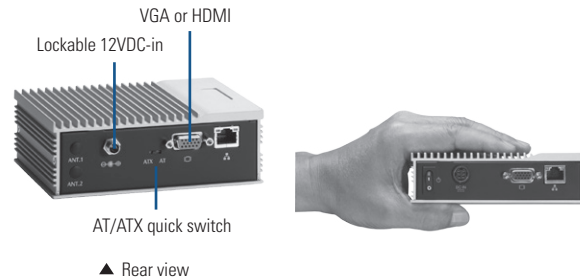
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ Processor E3825 1.33 GHz dual core on board
System Memory	1 x 204-pin DDR3L-1066/1333, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 1 x 10/100/1000Mbps Ethernet (Intel® i210IT) 4 x USB 2.0 1 x Audio (MIC_in/Line_out) 1 x HDMI or 1 x VGA 1 x VDC 12V power input connector 1 x AT/ATX switch 2 x SMA type connector opening for antenna
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 9.5mm 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA supported (PCI Express + USB signal)
System Indicator	1 x green for system power 1 x red LED for HDD active
Power Supply	Input: AC100-240V, AC 36W adapter with lock Output: +12VDC@3A
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (with W.T. HDD, DRAM)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	3 Grms with SSD(5-500 Hz, X, Y, Z directions)
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 47.5 mm (1.87") (H)
Weight (net/gross)	0.5 kg (1.1 lb)/ 0.6 kg (1.32 lb)
Certificate	CE
EOS Support	WES7, WE8S

Power Protection

OPP (over power protection)
OVP (over voltage protection)
SCP (short circuit protection)

Features

- Intel® Atom™ Bay Trail-I E3825 1.33 GHz dual core
- Fanless operation design with full feature I/O
- High performance 204-pin DDR3L-1333/1600 SO-DIMM max. up to 8 GB
- Supports 2 COM ports, 1 GbE LAN and 1 Mini PCIe slot
- Supports one AT/ATX mode quick switch
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot



Ordering Information

Standard

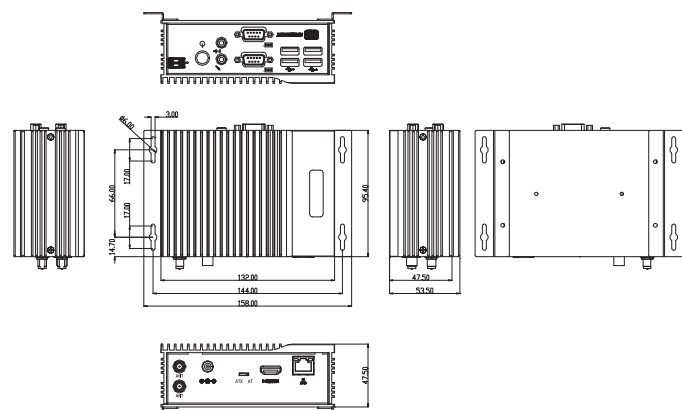
eBOX530-840-FL-E3825-VGA-US	Fanless embedded system with Intel® Atom™ E3825 1.33 GHz, VGA, GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and US power cord
eBOX530-840-FL-E3825-VGA-EU	Fanless embedded system with Intel® Atom™ E3825 1.33 GHz, VGA, GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and EU power cord
eBOX530-840-FL-E3825-HDMI-US	Fanless embedded system with Intel® Atom™ E3825 1.33 GHz, HDMI, GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and US power cord
eBOX530-840-FL-E3825-HDMI-EU	Fanless embedded system with Intel® Atom™ E3825 1.33 GHz, HDMI, GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 4 GB
mSATA	512 MB or above
Din-rail Kit	88160530000E
VESA ARM Kit	88160530040E
Power cord	
Wi-Fi Module	
3G Module	

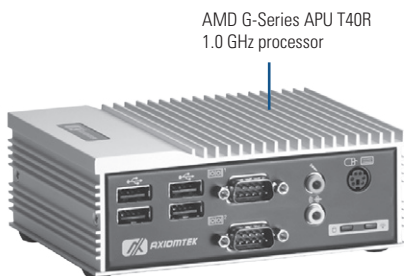
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX532-100-FL

Fanless Embedded System with AMD G-Series APU T40R 1.0 GHz



▲ Front view



Specifications

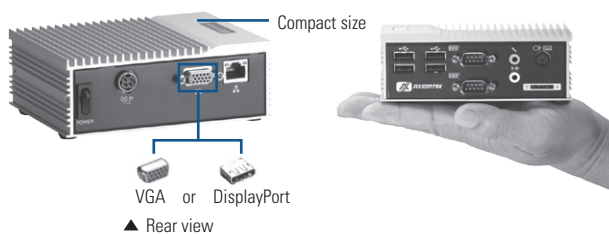
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	AMD G-Series APU T40R 1.0 GHz onboard
System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 4 GB
Chipset	AMD A50M FCH
BIOS	AMI
System I/O Outlet	2 x RS-232 (COM 1/2) 1 x VGA or 1 x DisplayPort 1 x Audio (Line-out/Mic-in) 1 x PS/2 keyboard/mouse 1 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 4 x USB 2.0 1 x VDC 5V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input: AC 100 ~ 240V, AC 40W adapter with lock Output: DC 5V @ 8A
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD) 0°C ~ +50°C (32°F ~ 122°F) (with W.T. SSD & W.T. CF)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 47.5 mm (1.87") (H)
Weight (net/gross)	0.5 kg (1.1 lb)/ 0.6 kg (1.32 lb)
Certificate	CE
EOS Support	XPE, Linux, WES, WES7

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x Y cable for PS/2 keyboard/mouse
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x wall mount kit
- 1 x power cord
- 1 x HDD mylar

Features

- AMD G-Series APU T40R 1.0 GHz onboard
- AMD A50M FCH
- Ultra slim and compact design
- Supports 4 USB 2.0 ports and 2 COM ports
- Supports 1 GbE LAN port
- One 2.5" SATA HDD drive bay, 1 CompactFlash™
- Supports VGA or DisplayPort



▲ Rear view

Power Protection

AC Version

- OVP (over voltage protection)
- SCP (short circuit protection)
- OPP (over power protection)

Ordering Information

Standard

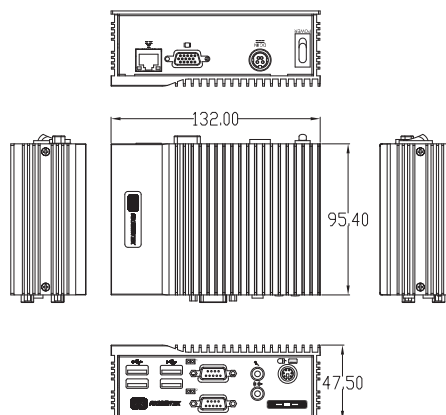
- eBOX532-100-FL1.0G-VGA Fanless embedded system with AMD G-Series APU T40R 1.0 GHz, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and VGA
- eBOX532-100-FL1.0G-PGA Fanless embedded system with AMD G-Series APU T40R 1.0 GHz, 1 GbE LAN, 4 USB, 2 COM, 40W AC/DC adapter and DisplayPort

Optional

- 2.5" SATA HDD 40 GB or above
- 2.5" SATA SSD 4 GB or above
- DDR3 SO-DIMM 512 MB ~ 4 GB
- CompactFlash™ 1 GB or above
- Din-rail kit
- VESA mount kit
- Power cord

*Specifications and certifications are based on options and may vary.

Dimensions



eBOX550-100-FL

Fanless Embedded System with AMD G-Series APU T40E 1.0 GHz and VGA & DisplayPort for Dual Display



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	AMD G-Series APU T40E 1.0 GHz
System Memory	1 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
Chipset	AMD A50M FCH
BIOS	AMI
System I/O Outlet	1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 4 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot
Expansion Interface	1 x PCI Express Mini Card slot (USB+PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 60W adapter Input: AC 90~264V Output: DC12V@5A
Operating Temperature	-10°C ~ +45°C (14°F ~ 113°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	2 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	160.4 mm (6.31") (W) x 135.4 mm(5.33") (D) x 60 mm (2.36") (H)
Weight (net/gross)	2.5 kg (5.51 lb)/ 4.5 kg (9.92 lb)
Certificate	CE, EN60950 compliance
EOS Support	XPE, Linux, WES

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 2 x CFast™ mylar
- 1 x HDD mylar
- 1 x power cord

Features

- AMD G-series APU T40E 1.0 GHz onboard
- Supports VGA+DisplayPort dual view
- DDR3-1066/1333 SO-DIMM max. up to 4 GB
- One 2.5" SATA drive bay and 1 CFast™ slot
- 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame



▲ Rear view

Power Protection

AC Version

- OVP (over voltage protection)
- OCF (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

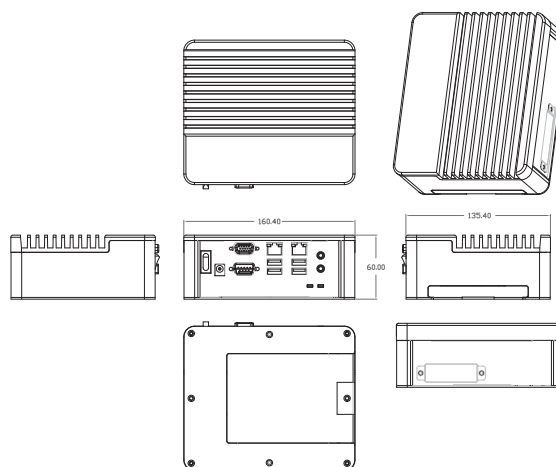
eBOX550-100-FL-T40E-1.0G	Fanless embedded system with AMD G-Series APU T40E 1.0 GHz, VGA, DisplayPort, 2 GbE LAN, 4 USB, AC-DC 60W adapter, CFast™ and HDD
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Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	Max. 4 GB
CFast™	1 GB or above
Din-rail kit	
Wall mount kit	
Power cord	

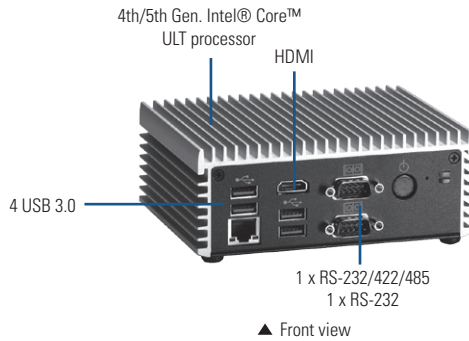
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX560-880-FL

Fanless Embedded System with Intel® Celeron® 2980U/ Core™ i3 5010U/ i5 4300U ULT SoC, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM and PCIe Mini Card



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® 2980U 1.6 GHz / Core™ i5 4300U 1.9 GHz Haswell ULT/ Core™ i3 5010U 2.1 GHz Broadwell ULT SoC
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM max. up to 8 GB
Chipset	Single Chip Design
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 1 x RS-232 1 x DisplayPort 1 x HDMI 2 x 10/100/1000Mbps Ethernet (Intel® i218LM, i210AT) 4 x USB 3.0 2 x SMA type connector opening for antenna 1 x VDC 12V power input connector 1 x ATX power switch 1 x Reset button
Watchdog Timer	255 levels, 1-255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 60W adapter with lock Output: DC 12V @ 5A
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F) (with W.T. SSD)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	3 Grms with SSD™ (5-500Hz, X, Y, Z directions)
Dimensions	141.5 mm (5.57") (W) x 106 mm (4.17") (D) x 55 mm (2.17") (H)
Weight (net/gross)	0.8 kg (1.76lb)/ 1.5kg (3.31lb)
Certificate	CE, UL, FCC & VCCI
EOS Support	WE8S, WES7, Linux

Packing List

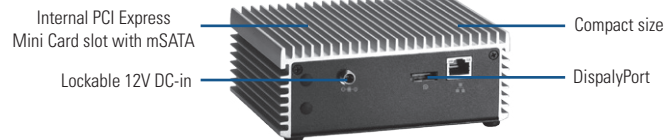
1 x quick manual	1 x power adaptor
1 x driver cd	1 x power cord
1 x screw pack	4 x foot pad

Power Protection

OVP (over voltage protection)
OCP (over current protection)
SCP (short circuit protection)

Features

- Intel® Celeron® 2980U/Core™ i5 4300U Haswell & Core™ i3 5010U Broadwell ULT SoC
- High performance 204-pin DDR3L SO-DIMM max. up to 8 GB
- Fanless operation design with compact size
- 1 RS-232/422/485 and 1 RS-232 ports
- One 2.5" SATA HDD drive bay and mSATA interface
- Supports 1 PCI Express Mini Card slot and 4 USB 3.0 ports
- Supports DisplayPort and HDMI dual view



Ordering Information

Standard

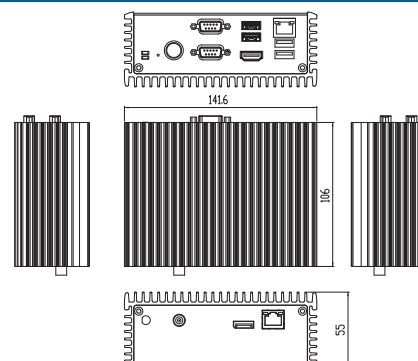
eBOX560-880-FL-2980U-US	Fanless embedded system with Intel® Celeron® 2980U Haswell ULT Processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and US power cord
eBOX560-880-FL-2980U-EU	Fanless embedded system with Intel® Celeron® 2980U Haswell ULT processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and EU power cord
eBOX560-880-FL-4300U-US	Fanless embedded system with Intel® Core™ i5-4300U Haswell ULT processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and US power cord
eBOX560-880-FL-4300U-EU	Fanless embedded system with Intel® Core™ i5-4300U Haswell ULT processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and EU power cord
eBOX560-880-FL-5010U-US	Fanless embedded system with Intel® Core™ i3-5010U Broadwell ULT processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and US power cord
eBOX560-880-FL-5010U-EU	Fanless embedded system with Intel® Core™ i3-5010U Broadwell ULT processor, HDMI/DisplayPort, 2 GbE LAN, 4 USB 3.0, 2 COM, PCIe Mini Card, 60W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
Wallmount Kit	826K560000E
VESA ARM Kit	826K5600010E
Din-rail Kit	826K5600050E
Wi-Fi module	
Power cord	

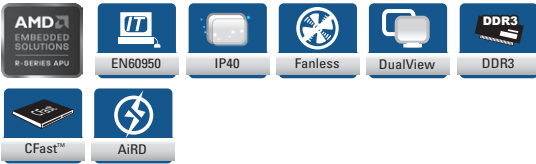
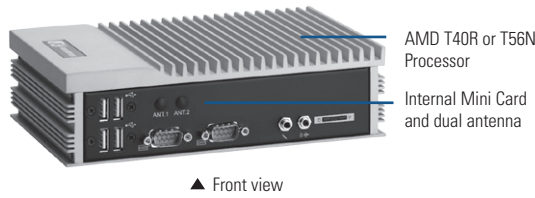
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX620-110-FL

Fanless Embedded System with AMD G-Series APU and Dual Display Support



Specifications

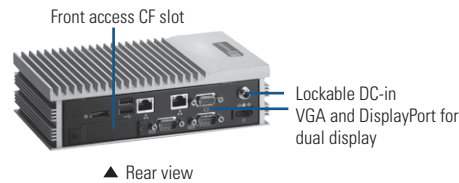
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	AMD G-Series APU T40R 1.0 GHz or T56N 1.65 GHz
System Memory	1 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
Chipset	AMD A50M FCH
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2/ 3/ 4) 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1-255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	1 x PCI Express Mini Card slot (USB+PCI Express signal) 1 x internal USB Wi-Fi mounting space
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 60W adapter Input: AC 90-264V Output: DC12V@5A
Operating Temperature	-10°C ~ +45°C (14°F ~ 113°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10%-90% , non-condensing
Vibration Endurance	2 Grms with CompactFlash™ (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 56 mm (2.2") (H)
Weight (net/gross)	1.98 kg (4.36 lb)/ 2.6 kg (5.73 lb)
Certificate	CE
EOS Support	XPE, Linux, WES7, WES

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 2 x CFast™ mylar
- 1 x HDD mylar
- 1 x power cord

Features

- AMD G-Series APU T40R 1.0 GHz or T56N 1.65 GHz onboard
- AMD A50M FCH
- DDR3-1066/1333 SO-DIMM max. up to 4 GB
- 1 DisplayPort and 1 VGA port
- 1 RS-232/422/485 and 3 RS-232 ports
- Supports Jumbo Frame
- One 2.5" SATA drive bay and one CompactFlash™ 2.0 slot
- 1 internal PCI Express Mini Card slot



Power Protection

AC Version

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

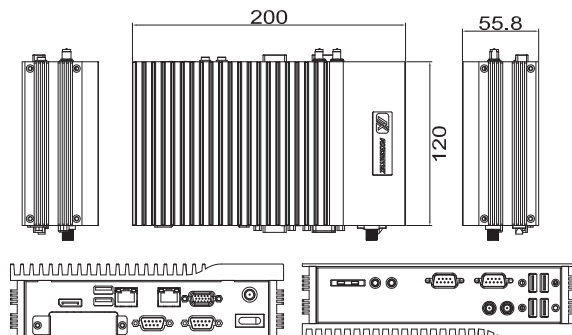
eBOX620-110-FL-T56N-1.6G	Fanless embedded system with AMD dual core T56N 1.65 GHz, VGA, DisplayPort, 2 GbE LAN, 4 COM, 6 USB, AC-DC 60W adapter, CF and HDD
eBOX620-110-FL-T40R-1.0G	Fanless embedded system with AMD single core T40R 1.0 GHz, VGA, DisplayPort, 2 GbE LAN, 4 COM, 6 USB, AC-DC 60W adapter, CF and HDD

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	Max. up to 2 GB
CompactFlash™	1 GB or above
Power adapter bracket kit	
Wi-Fi module	
GPS module	
Din-rail kit	
Wall mount kit	
VESA mount kit	
Power cord	

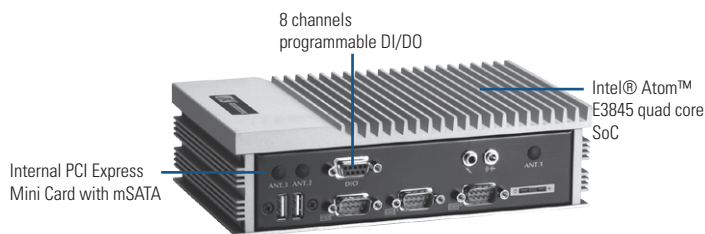
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX620-841-FL

Fanless Embedded System with Intel® Atom™ Processor E3845 1.91 GHz, HDMI, VGA, 2 GbE LAN, 4 USB and 4 COM



▲ Front view



Specifications

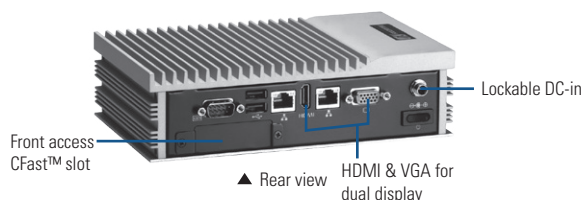
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor E3845 1.91 GHz quad-core
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 2 x RS-232 (COM3/4) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC 12V power input connector 1 x ATX power switch 8 channel programmable DI/DO
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 60W adapter with lock Output: DC 12V @ 5A
Operating Temperature	-40°C~+60°C (-40°F~+140°F)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 56mm (2.2") (H)
Weight (net/gross)	2 kg (4.41 lb)/ 2.7 kg (5.95 lb)
Certificate	CE
EOS Support	WEBS, WES7

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 2 x Cf Mylar
- 1 x HDD Mylar
- 4 x foot pad

Features

- Intel® Atom™ E3845 1.91 GHz quad-core SoC
- High performance 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485 and 2 RS-232 ports
- One 2.5" SATA drive bay, 1 CFast™ slot and mSATA
- Supports 8 channel programmable DI/DO and 2 PCI Express Mini Card slots
- Supports VGA and HDMI dual display



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

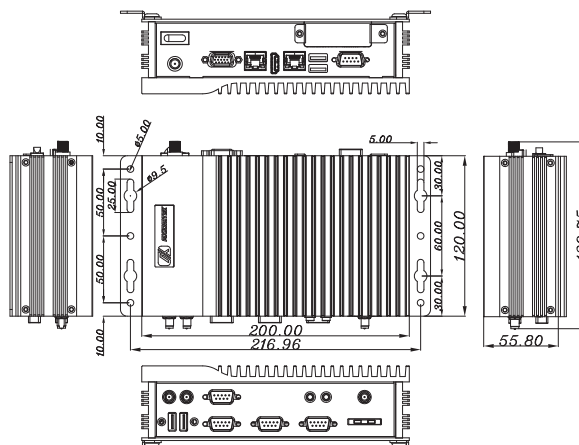
eBOX620-841-FL-US	Fanless embedded system with Intel® Atom™ E3845 1.91 GHz quad-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 4 COM, 60W AC/DC adapter and US power cord
eBOX620-841-FL-EU	Fanless embedded system with Intel® Atom™ E3845 1.91 GHz quad-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 4 COM, 60W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
CFast™	512 MB or above
VESA mount kit	82606200020E
Din-rail kit	82606200030E
wall mount	82606200010E
Wi-Fi module	
Power cord	

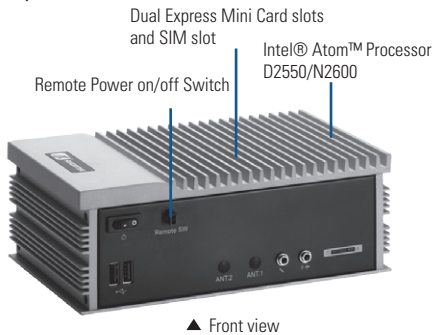
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX622-830-FL

Fanless Embedded System with Intel® Atom™ Processor N2600 1.6 GHz or D2550 1.86 GHz, HDMI, VGA, 2 GbE LAN, 6 USB, 6 COM ports



▲ Front view



Specifications

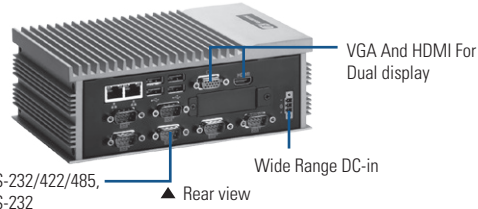
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor N2600 1.6 GHz dual core/ D2550 1.86 GHz dual core
System Memory	1 x 204-pin DDR3 SO-DIMM N2600 supports DDR3-800 MHz max. up to 2 GB D2550 supports DDR3-800/1066 MHz max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	3 x RS-232/422/485 (COM1/3/4) 3 x RS-232 (COM2/5/6) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® 82583V) 6 x USB 2.0 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slots (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 9~34VDC
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (with 1.86 GHz CPU, W.T. HDD)
Storage Temperature	-30°C ~ +80°C (-22°F ~ +176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with CF (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 75 mm (2.95") (H)
Weight (net/gross)	1.9 kg (4.19 lb)/ 2.7 kg (5.95 lb)
Certification	CE
EOS Support	WES7

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 2 x CF Mylar
- 1 x HDD Mylar
- 4 x foot pad

Features

- Intel® Atom™ D2550 1.86 GHz or Intel® Atom™ N2600 1.6 GHz
- 204-pin DDR3-800/1066 SO-DIMM max. up to 4 GB
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot
- 3 RS-232/422/485, 3 RS-232 ports
- One 2.5" SATA drive bay, CFast™, mSATA supported
- Supports VGA and HDMI dual display



▲ Rear view

Power Protection

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

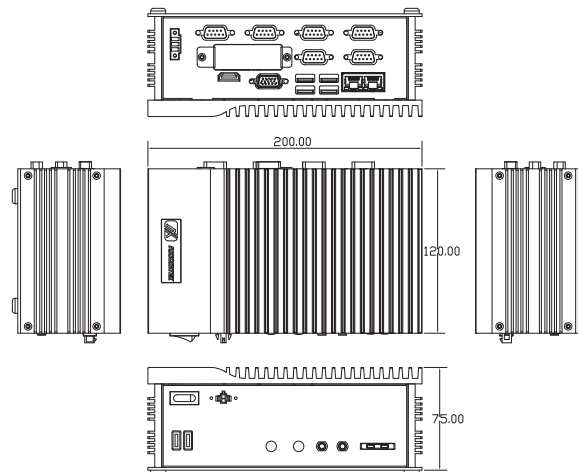
eBOX622-830-FL-D2550-NP	Fanless embedded system with Intel® Atom™ D2550 1.86 GHz dual core processor, VGA, HDMI, 2 GbE LAN, 6 USB, 6 COM ports and wide-range DC-in
eBOX622-830-FL-N2600-NP	Fanless embedded system with Intel® Atom™ N2600 1.6 GHz dual core processor, VGA, HDMI, 2 GbE LAN, 6 USB, 6 COM ports and wide-range DC-in

Optional

2.5" SATA HDD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 4 GB (regarding to CPU model)
CFast™	512 MB or above
Wi-Fi module	
3G module	
GPS module	
Wall mount kit	
Din-rail kit	
VESA mount kit	

*Specifications and certifications are based on options and may vary.

Dimensions



eBOX623-831-FL

Fanless Embedded System with Intel® Atom™ Processor N2600 1.6 GHz or D2550 1.86 GHz, VGA and DisplayPort, 2 GbE LAN, 6 USB and 4 COM



▲ Front view



Specifications

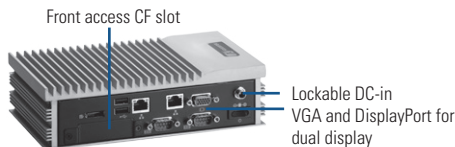
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor N2600 1.6 GHz dual core/ D2550 1.86 GHz dual core
System Memory	1 x 204-pin DDR3 SO-DIMM (N2600 supports DDR3 800MHz max. up to 2 GB; D2550 supports DDR3 1066/1333MHz max. up to 4 GB)
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM 1/2) 2 x RS-232 (COM 3/4) 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® 82583V) 6 x USB 2.0 2 x SMA type connector opening for antenna 1 x VDC 12V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot 1 x mSATA
Expansion Interface	1 x PCI Express Mini Card slot (USB + PCI Express signal) 1 x internal USB Wifi mounting space
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 60W adapter with lock Output: DC 12V @ 5A
Operating Temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F) (With W.T. SSD/DRAM, D2550)
Storage Temperature	-20 °C ~ +80 °C (-4 °F ~ +176 °F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 56 mm (2.2") (H)
Weight (net/gross)	1.98 kg (4.36 lb)/ 2.6 kg (5.73 lb)
Certificate	CE
EOS Support	WES7, WE8S

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x power cord
- 2 x CFast™ mylar
- 1 x HDD mylar

Features

- Intel® Atom™ Cedarview processor N2600 1.6 GHz dual core/D2550 1.86 GHz dual core
- Intel® NM10 chipset
- Supports Jumbo Frame(9k), WoL, PXE Remote Boot
- High performance 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
- One 2.5" SATA drive bay and 1 CFast™ slot ,mSATA
- Supports VGA and DisplayPort dual display



▲ Rear view

Power Protection

AC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

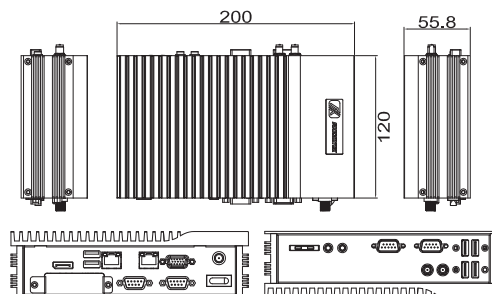
eBOX623-831-FL-D2550-US	Fanless embedded system with Intel® Atom™ processor D2550 1.86 GHz, VGA, DisplayPort, 2 GbE LAN, 6 USB, 4 COM, 60W AC/DC adapter and US power cord
eBOX623-831-FL-D2550-EU	Fanless embedded system with Intel® Atom™ processor D2550 1.86 GHz, VGA, DisplayPort, 2 GbE LAN, 6 USB, 4 COM, 60W AC/DC adapter and EU power cord
eBOX623-831-FL-N2600-US	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, DisplayPort, 2 GbE LAN, 6 USB, 4 COM, 60W AC/DC adapter and US power cord
eBOX623-831-FL-N2600-EU	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, DisplayPort, 2 GbE LAN, 6 USB, 4 COM, 60W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SODIMM	1 GB ~ 4 GB (regarding to CPU model)
CFast™	512 MB or above
Wi-Fi module	
USB wifi module	
GPS module	
Wall mount kit	
Din rail kit	
VESA mount kit	
Power cord	

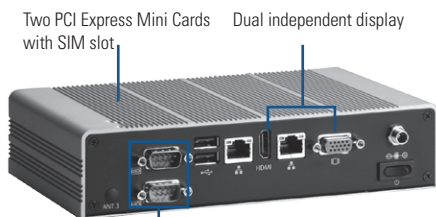
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX625-841-FL/eBOX625-842-FL

Fanless Embedded System with Intel® Atom™ Processor E3826 1.46 GHz or Intel® Celeron® J1900 2.0 GHz, HDMI, VGA, 2 GbE LAN, 4 USB and 2 COM



Two RS-232/422/485

▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor E3826 1.46 GHz /Intel® Celeron® J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC 12V power input connector 1 x ATX power switch 8 channel programmable digital I/O (J1900 version only)
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 36W adapter with lock Output: DC 12V @ 3A
Operating Temperature	-20°C ~ +60°C (with E3826, W.T. SSD/CAPA841) -20°C ~ +55°C (with J1900, W.T. SSD/CAPA842)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm (1.81") (H)
Weight (net/gross)	1.1 kg (2.43lb)/ 1.8 kg (3.97lb)
Certificate	CE
EOS Support	WE8S, WES7

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad

Power Protection

DC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

Features

- Intel® Atom™ E3826 1.46 GHz dual-core or Intel® Celeron® J1900 2.0 GHz quad-core SoC
- High performance 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485 and 4 USB 2.0 ports
- One 2.5" SATA drive bay and mSATA supported
- 2 PCI Express Mini Card slots and 1 SIM slot
- Supports VGA and HDMI dual display
- Wide range operating temperature supported

Intel® Atom™ E3826 / Intel® Celeron® J1900 SoC onboard



▲ Rear view

Ordering Information

Standard

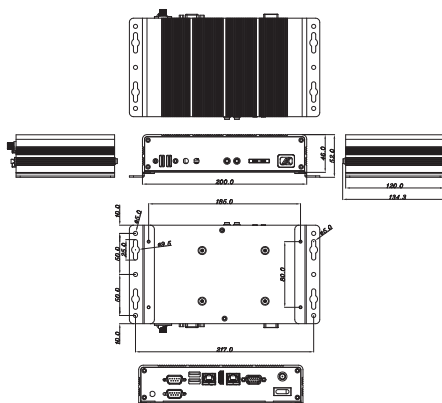
eBOX625-841-FL-E3826-US	Fanless embedded system with Intel® Atom™ E3826 1.46 GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and US power cord
eBOX625-841-FL-E3826-EU	Fanless embedded system with Intel® Atom™ E3826 1.46 GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter and EU power cord
eBOX625-842-FL-J1900-US	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz quad-core SoC, 2GbE LAN, 4 USB, 2 COM, 8 CH DI/DO, 36W AC/DC adapter and US power cord
eBOX625-842-FL-J1900-EU	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz quad-core SoC, 2GbE LAN, 4 USB, 2 COM, 8 CH DI/DO, 36W AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
VESA mount kit	82606200020E
Din-rail kit	82606200030E
Wall mount kit	82606200010E
Wi-Fi module	
Power cord	

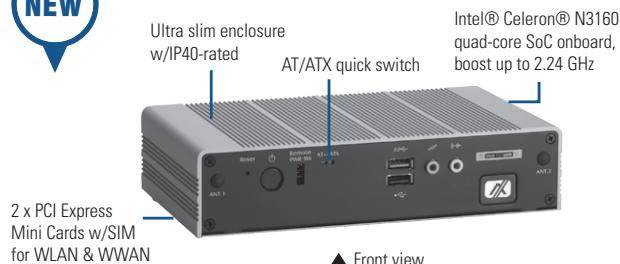
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX625-853-FL

Fanless Embedded System with Intel® Celeron® N3160 1.6 GHz, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, and 2 PCI Express Mini Card Slots

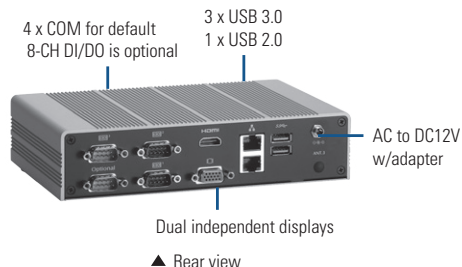


Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3160 1.6 GHz Braswell quad-core SoC (2M Cache, up to 2.24 GHz)
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x 10/100/1000 Mbps Ethernet (Intel® i211AT) 1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2-4, option default: COM 4) 3 x USB 3.0 1 x USB 2.0 1 x audio (MIC-in/Line-out) 1 x HDMI (4K supported) 1 x VGA 1 x VDC power input connector 1 x ATX power switch 1 x remote PWR switch 1 x reset 1 x AT/ATX quick switch 3 x antenna opening Optional 8-CH programmable DIO
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 15 mm 1 x mSATA
Expansion Interface	1 x full-size PCI Express Mini Card slot (PCI Express + USB signal) 1 x full-size PCI Express Mini Card slot (PCI Express + SATA signal) 1 x SIM Card slot
System Indicator	1 x green LED for system power 1 x yellow LED for HDD active
Power Supply	Input AC 90-264V, AC 36W adapter with lock Output: DC 12V@3A
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (with W.T. SSD/DRAM, N3160)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 95%, non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm (1.81") (H)
Weight (net/gross)	1.2 kg (2.65 lb)/1.9 kg (4.19 lb)
Certification	CE
EOS support	WES7, WE8S, Win10 IoT, Linux

Features

- Intel® Celeron® N3160 1.6 GHz quad-core SoC (Braswell)
- HDMI and VGA with dual view supported
- Supports 4 COM and 4 USB ports
- 2 GbE LANs support WoL, Teaming and PXE
- 2 PCI Express Mini Cards for WLAN/WWAN/mSATA modules
- -20°C to 60°C wide range operating temperature
- Intel® Virtualization Technology (Intel® VT-x)



Power Protection

DC Version

OVP (over voltage protection)
UVP (under voltage protection)
SCP (short current protection)

Ordering Information

Standard

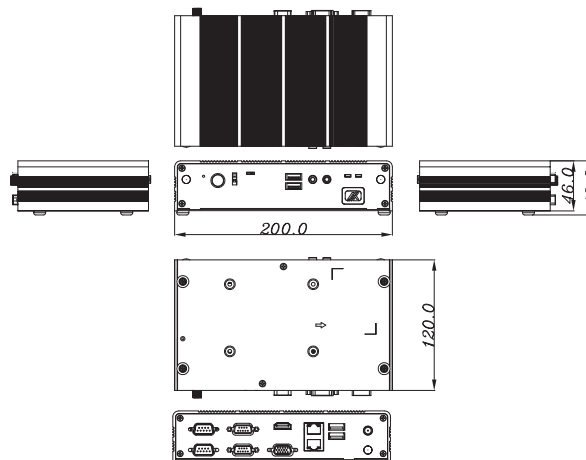
eBOX625-853-FL-N3160-US	Fanless embedded system with Intel® Celeron® N3160, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCI Express Mini Cards, AC/DC adapter and US power cord
eBOX625-853-FL-N3160-EU	Fanless embedded system with Intel® Celeron® N3160, VGA/HDMI, 4 COM, 2 GbE LANs, 4 USB, 2 PCI Express Mini Cards, AC/DC adapter and EU power cord

Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
mSATA	512 MB or above
Wall mount Kit	82606200010E
VESA mount kit	82606200020E
Din-rail kit	82606200030E
WLAN module	
WWAN module	

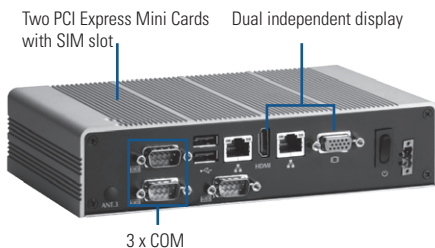
* Specification and certifications are based on requirements and may vary.

Dimensions



eBOX626-841-FL/eBOX626-842-FL

Fanless Embedded System with Intel® Atom™ E3826 or Intel® Celeron® J1900, HDMI, VGA, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ E3826 1.46 GHz Intel® Celeron® J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 1 x RS-232 (COM3) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 10~34VDC
Operating Temperature	-20°C ~ +60°C (with E3826, W.T. SSD&DRAM/CAPA841) -20°C ~ +55°C (with J1900, W.T. SSD&DRAM/CAPA842)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 46mm(1.81") (H)
Weight (net/gross)	1.1kg (2.43lb)/ 1.8kg (3.97)
Certificate	CE
EOS Support	WE8S, WE87

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad

Features

- Intel® Atom™ E3826 1.46 GHz dual-core or Intel® Celeron® J1900 2.0 GHz quad-core SoC
- 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485, 1 RS-232 and 4 USB 2.0 ports
- One 2.5" SATA drive bay and mSATA supported
- 2 PCI Express Mini Card slots and 1 SIM slot
- Supports VGA and HDMI dual display
- 10~34VDC wide range DC input

Intel® Atom™ E3826 /Intel® Celeron® J1900 SoC onboard



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- OCP (over current protection)
- UVP (under voltage protection)
- Reserve protection

Ordering Information

Standard

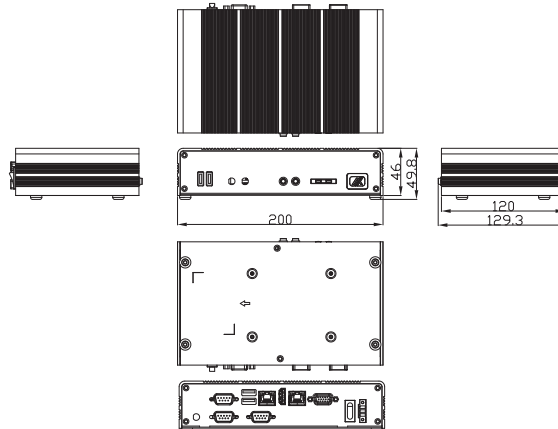
eBOX626-841-FL-DC	Fanless embedded system with Intel® Atom™ E3826 1.46 GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input
eBOX626-842-FL-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz quad-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input

Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
VESA mount kit	82606200020E
Din-rail kit	82606200030E
wall mount	82606200010E
Wi-Fi module	
Power cord	

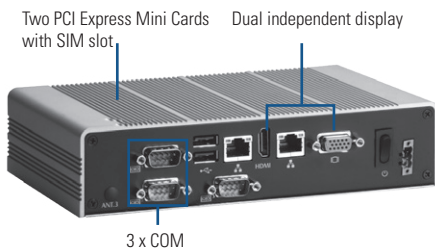
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX626-841-FL/eBOX626-842-FL

Fanless Embedded System with Intel® Atom™ E3826 or Intel® Celeron® J1900, HDMI, VGA, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ E3826 1.46 GHz Intel® Celeron® J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 1 x RS-232 (COM3) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 10~34VDC
Operating Temperature	-20°C ~ +60°C (with E3826, W.T. SSD&DRAM/CAPA841) -20°C ~ +55°C (with J1900, W.T. SSD&DRAM/CAPA842)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 46mm(1.81") (H)
Weight (net/gross)	1.1kg (2.43lb)/ 1.8kg (3.97)
Certificate	CE
EOS Support	WE8S, WE87

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad

Features

- Intel® Atom™ E3826 1.46 GHz dual-core or Intel® Celeron® J1900 2.0 GHz quad-core SoC
- 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485, 1 RS-232 and 4 USB 2.0 ports
- One 2.5" SATA drive bay and mSATA supported
- 2 PCI Express Mini Card slots and 1 SIM slot
- Supports VGA and HDMI dual display
- 10~34VDC wide range DC input

Intel® Atom™ E3826 /Intel® Celeron® J1900 SoC onboard



▲ Rear view

Power Protection

DC Version

OVP (over voltage protection)
OCP (over current protection)
UVP (under voltage protection)
Reserve protection

Ordering Information

Standard

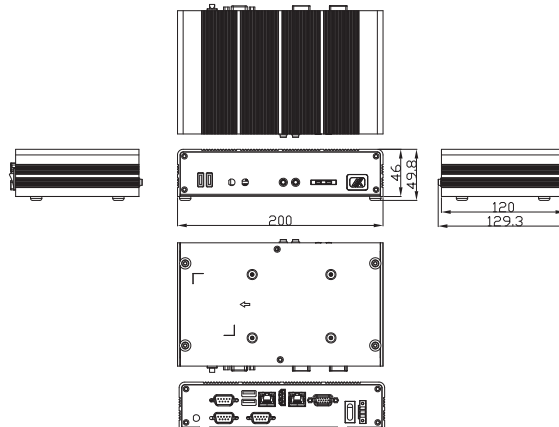
eBOX626-841-FL-DC	Fanless embedded system with Intel® Atom™ E3826 1.46 GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input
eBOX626-842-FL-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz quad-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input

Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
VESA mount kit	82606200020E
Din-rail kit	82606200030E
wall mount	82606200010E
Wi-Fi module	
Power cord	

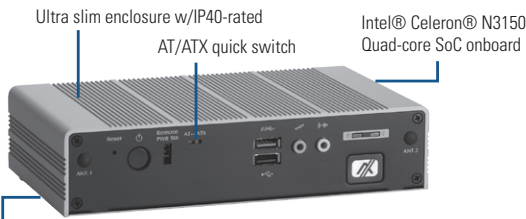
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX626-853-FL

Fanless Embedded System with Intel® Celeron® N3150 1.6 GHz, VGA/HDMI, 4 COM, 2 GbE, 4 USB, 2 Mini PCIe and 9 ~36VDC Wide Range Input



Two PCI Express Mini Cards w/SIM for WLAN & WWAN

▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Celeron® processor N3150 1.6 GHz Braswell quad-core SoC (2M up to 2.24 GHz)
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x 10/100/1000Mbps Ethernet (Intel® i211AT) 1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM2/3/4, option default: COM 4) 3 x USB 3.0 1 x USB 2.0 1 x Audio (MIC-in/Line-out) 1 x HDMI (4K supported) 1 x VGA 1 x VDC power input connector 1 x ATX power switch 1 x Remote PWR switch 1 x Reset 1 x AT/ATX quick switch 3 x Antenna opening Optional 8-CH programmable DIO
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 15 mm 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (PCI Express + USB signal) 1 x Full-size PCI Express Mini Card slot (PCI Express + SATA signal) 1 x SIM Card slot
System Indicator	1 x green LED for system power 1 x yellow LED for HDD active
Power Supply	42.5W 9-36VDC
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) Standard -20°C ~ +55°C (-4°F ~ +131°F) Boost mode (with W.T. SSD/DRAM, N3160)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 95%, non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm (1.81") (H)
Weight (net/gross)	1.2 kg (2.65 lb)/1.9 kg (4.19 lb)
Certification	CE
EOS support	WES7, WE8S, Linux

Features

- Intel® Celeron® N3150 1.6 GHz quad-core SoC (Braswell)
- Supports HDMI and VGA dual independent displays
- Supports 4 COM and 4 USB ports
- Dual GbE LANs support WoL, Teaming and PXE
- Dual PCI Express Mini Card for WLAN/WWAN/mSATA modules
- 9 ~ 36VDC wide range power input
- -20°C to 60°C wide range operating temperature supported



▲ Rear view

Power Protection

DC Version

OVP (over voltage protection)
UVP (under voltage protection)
OCP (over current protection)
Reverse protection

Ordering Information

Standard

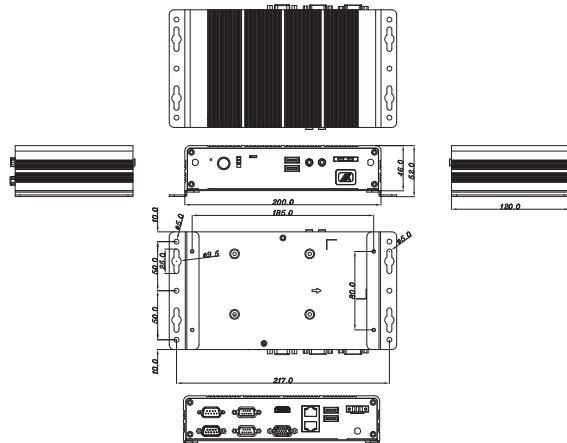
eBOX626-853-FL-N3150-DC Fanless embedded system with Intel® Celeron® N3150, VGA/HDMI, 4 COM, 2 GbE, 4 USB, 2 Mini PCIe and 9 ~36VDC wide range input

Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
mSATA	512 MB or above
Wall mount Kit	82606200010E
VESA mount kit	82606200020E
Din-rail kit	82606200030E
WLAN module	
WWAN module	

*Specifications and certifications are based on requirements and may vary.

Dimensions



eBOX630-100-FL

Fanless Embedded System with AMD G-Series APU T56N 1.65 GHz, VGA and Dual DisplayPort for Dual Independent Display



Specifications

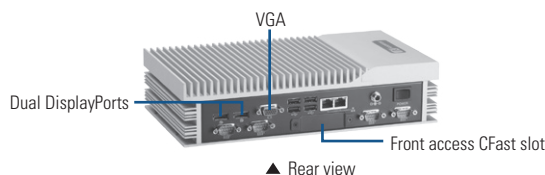
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	AMD G-Series APU T56N 1.65 GHz onboard
System Memory	1 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
Chipset	AMD FCH Hudson-M1
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 (COM 1) 3 x RS232 (COM 2/COM 3) 1 x VGA 2 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 6 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot
Expansion Interface	2 x PCI Express Mini Card slots (USB+PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 60W adapter Input: AC 90-264V Output: DC12V@5A
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)(with 1.6 GHz CPU, W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10%~90%, non-condensing
Vibration Endurance	2 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 150 mm (5.91") (D) x 67 mm (2.64") (H)
Weight (net/gross)	2.5 kg (5.51 lb)/ 4.5 kg (9.92 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES, WES7

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 4 x HDD anti-vibration damper
- 1 x power cord

Features

- AMD G-Series APU T56N 1.65 GHz onboard
- Supports VGA and dual DisplayPort
- 1 RS-232/422/485 and 3 RS-232 ports
- DDR3-1066/1333 SO-DIMM max. up to 4 GB
- One 2.5" SATA drive bay and 1 CFast™ slot
- 2 internal PCI Express Mini Card slots and 1 SIM slot
- Supports Jumbo Frame



Power Protection

AC Version

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

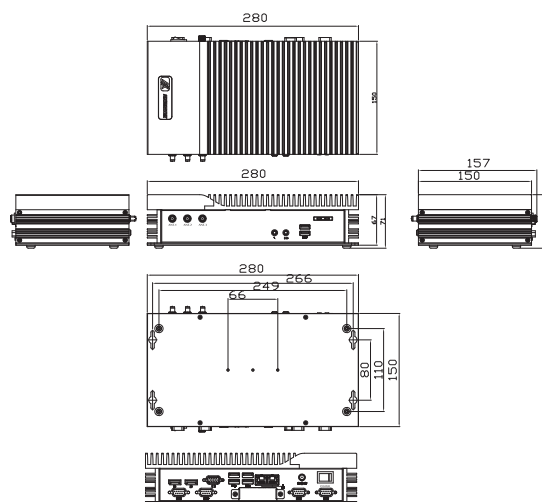
eBOX630-100-FL-T56N-1.65G	Fanless embedded system with AMD G-Series AP T56N 1.65G, 1.65 GHz, VGA, 2 DisplayPort, 2 GbE LAN, 4 COM, 6 USB, AC-DC 60W adapter, CFast™ and HDD
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Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	512 MB or above
CFast™	1 GB or above
Power adapter bracket kit	
Wi-Fi module	
3G module	
GPS module	
Power cord	

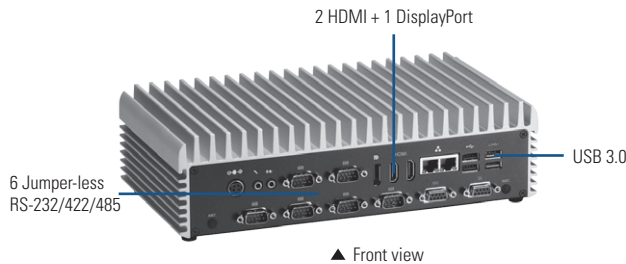
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX635-881-FL

Fanless Embedded System with LGA1150 Socket 4th Generation Intel® Core™ i7/ i5/i3 & Celeron® Processor, Intel® H81, 2 HDMI/ VGA/ DisplayPort, 2 GbE LAN, USB 3.0, CFast™ and PCIe Mini Card



Specifications

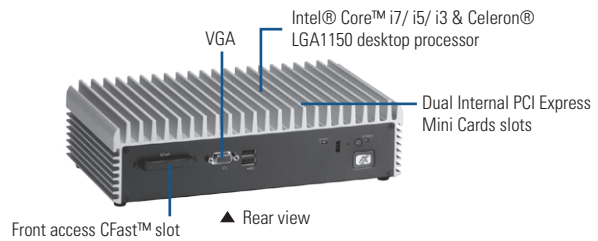
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 45W)
System Memory	1 x 204-pin DDR3-1333/1600MHz SO-DIMM max. up to 8 GB
Chipset	Intel® H81
BIOS	AMI
System I/O Outlet	6 x RS-232/422/485 (COM1 ~ 6) 2 x HDMI 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® i210-AT, i217-LM) 2 x USB 3.0 4 x USB 2.0 16 x DI/DO (8 IN & 8 OUT) 3 x SMA type connector opening for antenna 1 x VDC 19/12VDC power input connector 1 x ATX power switch with status indicator
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB and PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB and PCI Express signal) 1 x SIM slot
System Indicator	1 x orange LED for HDD active 1 x orange/blue LED for system status (in ATX switch)
Power Supply	Input: AC 90-264V, AC 150W Output: DC 19V @ 7.89A or Input: AC 90-264V, AC 102W Output: DC 12V @ 8.5A
Operating Temperature	-20°C ~ +50°C (with W.T. SSD, CPU TDP 35/45W)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5 - 500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 150 mm (5.91") (D) x 67 mm (2.64") (H)
Weight (net/gross)	2.5 kg (5.51 lb)/ 4.5 kg (9.92 lb)
Certificate	CE, EN60950 compliance
EOS Support	WEBS, WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x power cord
- 1 x Adapter

Features

- LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell/ Haswell-Refresh) with Intel® H81
- 204-pin DDR3-1333/1600 MHz SO-DIMM max. up to 8 GB
- One 2.5" SATA drive bay and 1 CFast™ slot
- 2 internal PCI Express Mini Card slots, 1 SIM slot
- Supports 2 HDMI, VGA and DisplayPort for dual independent display (H81) or triple independent display (Q87)
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot, Teaming



Power Protection

AC Version

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

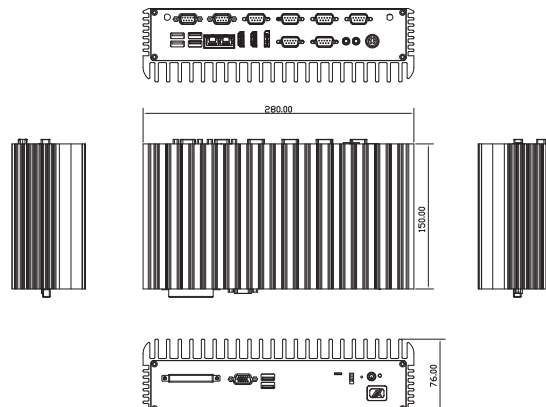
eBOX635-881-FL	Fanless embedded system with LGA1150 socket 4th generation Intel® i7/i5/i3 & Celeron® processor, 2 HDMI, VGA, DisplayPort, 2 GbE LAN, 2 USB 3.0, 6 COM ports and 19/12VDC adapter
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Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 8 GB
CFast™	512 MB or above
Wi-Fi module	
3G Module	
GPS module	
Wall mount kit	8816K635010E
Din-rail kit	8816K671030E
Power Cord	

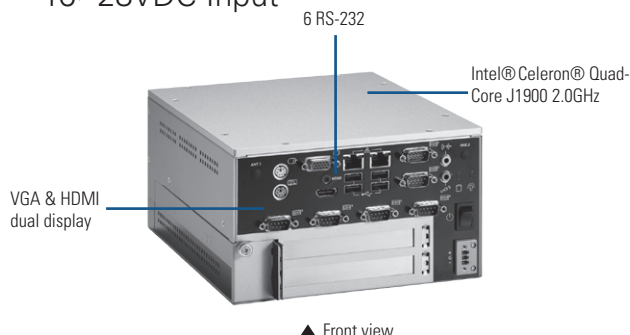
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX638-840-FL

Fanless Embedded System with Intel® Celeron® Processor J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 PCI/PCIe slots and 16~28VDC Input



Specifications

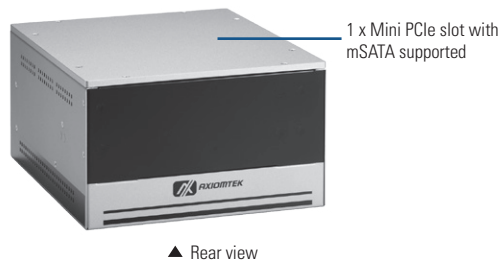
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Celeron® Quad-Core J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	6 x RS-232 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111G) 4 x USB 2.0 1 x Internal USB 3.0 1 x Audio (MIC_in/Line_out) 1 x PS/2 keyboard 1 x PS/2 mouse 1 x HDMI 1 x VGA 1 x VDC power input connector 1 x ATX power switch 2 x SMA type connector opening for antenna
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 9.5mm 1 x mSATA
Expansion Interface	1x Full-size PCI Express Mini Card slot with mSATA supported (PCI Express + USB signal) 2 x 32bit/33MHz PCI slots, support max. length of 200 mm of PCB boards or 2 PCIe x1 for expansion max. up to 10W
System Indicator	1 x green for system power 1 x orange LED for HDD active
Power Supply	DC ATX 72W Input: 16~28VDC, Output: +12V@6A
Operating Temperature	-10°C ~ +55°C (14°F ~ +131 F) (with W.T. DRAM & SSD)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with SSD(5-500 Hz, X, Y, Z directions)
Dimensions	192mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Weight (net/gross)	4.1 kg (9.03 lb) /4.8 kg (10.58 lb)
Certificate	CE
EOS support	WES7, WE8S, Linux

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x DC-in connector

Features

- Intel® Celeron® J1900 2.0 GHz quad core (Bay Trail)
- Fanless operation design with full feature I/O
- Dual Independent Display from HDMI and VGA
- Supports 6 COM ports, 2 GbE LAN and 1 Mini PCIe slot
- Supports dual PCI or PCIe x1 expansion slots
- ATX 72W 16~28VDC wide range power input



Power Protection

- OCP (over current protection)
- OVP (over voltage protection)
- UVP (under voltage protection)

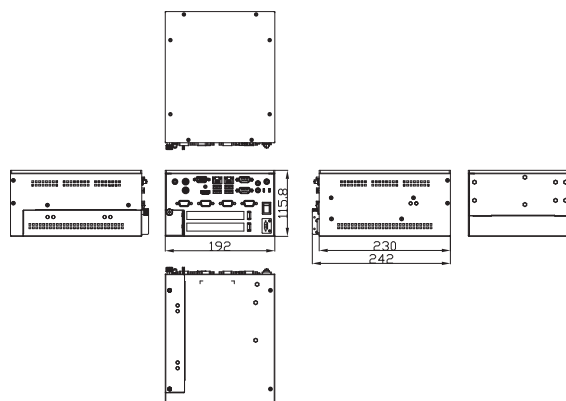
Ordering Information

Standard	
eBOX638-840-FL-2PCI-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 GbE LAN, 2 PCI slots and 16~28VDC input
eBOX638-840-FL-2PCIe-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 GbE LAN, 2 PCIe x1 slots and 16~28VDC input

Optional	
2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1GB ~ 8GB
mSATA	512 MB or above
Wall Mount Kit	88160639010E
Wi-Fi Module	
3G Module	

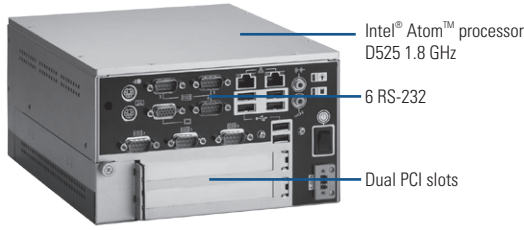
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX639-825-FL

Fanless Embedded System with Intel® Atom™ Processor D525 1.8 GHz and 2 PCI Slots



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Atom™ processor D525 1.8 GHz dual core
System Memory	2 x 240-pin DDR3-800 DIMM max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	6 x RS-232 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay
Expansion Interface	2 x 32bit /33MHz PCI slots, support max. length of 200 mm of PCB boards expansion 1 x PCI Express Mini Card slot (USB+PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	DC ATX 107W Input: DC 16~28VDC Output: +3.3VDC @ 6A, +5VDC @ 9A, +12VDC @ 3A, -12VDC @ 0.1A, +5Vsb @ 1A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	192 mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Weight (net/gross)	4.1 kg (9.03 lb)/ 4.8 kg (10.58 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES

Packing List

- 1 x quick Manual
- 1 x driver CD
- 1 x screws pack
- 4 x foot pad
- 4 x HDD anti-vibration damper
- 1 x DC-in connector

Features

- Intel® Atom™ processor D525 1.8 GHz dual core onboard
- Fanless operation design with full feature I/O
- High performance DDR3-800 DIMM max. up to 4 GB
- 1 swappable 2.5" SATA drive bay
- 2 PCI slots and 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (Under voltage protection)
- OCP (over current protection)

Ordering Information

Standard

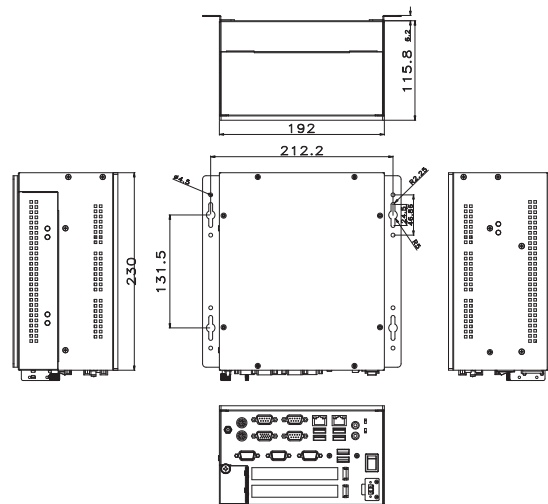
eBOX639-825-FL-D525-1.8G-DC	Fanless embedded system with Intel® Atom™ processor D525, VGA, 2 GbE LAN, 6 USB, 2 PCI slots, HDD and DC-in
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Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	1 GB - 4 GB
Wi-Fi module	
GPS module	
Graphic codec module	
Wall mount kit	
Power cord	
AC power kit	

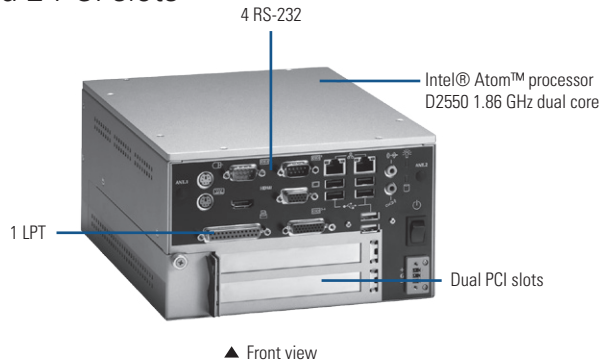
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX639-830-FL

Fanless Embedded System with Intel® Atom™ Processor D2550 1.86 GHz, 1 LPT and 2 PCI slots



Specifications

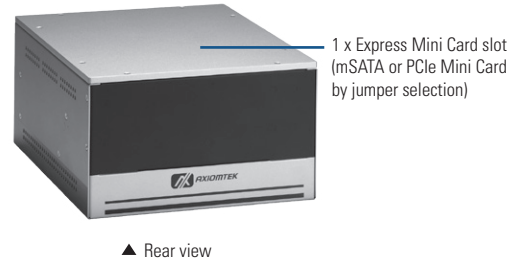
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Atom™ processor D2550 1.86 GHz dual core
System Memory	1x 204-pin DDR3 1066 SO-DIMM, max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	2 x 10/100/1000Mbps Ethernet 4 x RS-232 6 x USB 2.0 1 x Audio (MIC_in/Line_out) 1 x PS/2 for Keyboard 1 x PS/2 for Mouse 1 x VGA 1 x HDMI 1 x LPT 1 x VDC power input connector 1 x ATX Power Switch 2 x SMA type connector opening for antenna
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay
Expansion Interface	2 x 32bit/33MHz PCI slots, support max. length of 200 mm of PCB boards expansion 1 x Full Size PCI Express Mini Card (mSATA or PCIe Mini Card by jumper selection)
System Indicator	1 x orange LED for HDD active 1 x green LED for system power
Power Supply	DC ATX 107W Input: DC 16-28VDC Output: +3.3VDC @ 6A, +5VDC @ 9A, +12VDC @ 3A, -12VDC @ 0.1A, +5Vsb @ 1A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (With W.T. SSD/DRAM)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	192 mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Vibration Endurance	2 Grms with SSD (5 - 500 Hz, X,Y, Z directions)
Weight (net/gross)	3.2 kg (7.05 lb)/ 4.5 kg (9.92 lb)
Certificate	CE (Class A)
EOS support	WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x Adapter with power cord or DC-in connector

Features

- Intel® Atom™ processor D2550 1.86 GHz dual core onboard
- Fanless operation design with full feature I/O
- High performance DDR3-1066 SO-DIMM max. up to 4 GB
- One 2.5" SATA drive bay
- 2 PCI slots and 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame



Power Protection

DC Version

OVP (over voltage protection)
UVP (under voltage protection)
OCP (over current protection)
SCP (over temperature protection)
Reverse protection

Ordering Information

Standard

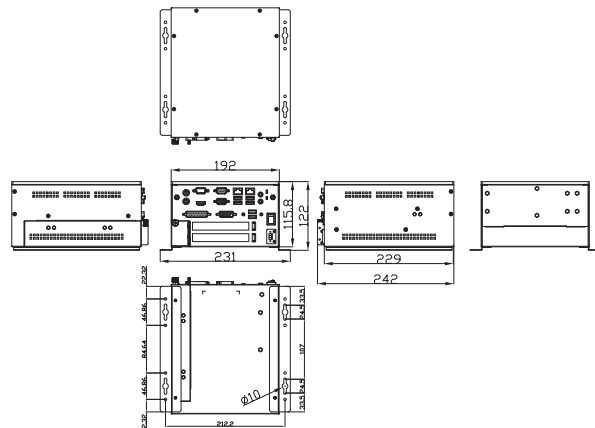
eBOX639-830-FL-DC Fanless embedded system with Intel® Atom™ processor D2550, VGA, 2 GbE LAN, 6 USB, 2 PCI slots, HDD support and DC-in

Optional

2.5" SATA HDD 80 GB or above
2.5" SATA SSD 40 GB or above
DDR3 SO-DIMM 1 GB ~ 4 GB
Wall mount kit
Wi-Fi Module
GPS module
AC/DC adaptor
Power Cord

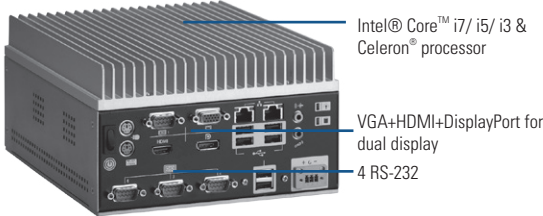
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX640-860-FL

Fanless Embedded System Featuring Socket G2 Intel® Core™ i7/i5/i3 & Celeron® Processor TDP under 35W, Dual HDD and Multi-display



▲ Front view



Specifications

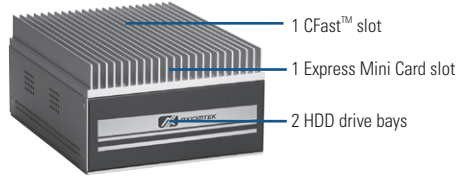
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Socket G2 (rPGA 988B) for 2nd generation Intel® Core™ i7/i5/i3 (Sandy Bridge) & Celeron® processors, TDP under 35W
System Memory	2 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 16 GB
Chipset	Intel® QM67
BIOS	AMI UEFI BIOS
System I/O Outlet	4 x RS-232 (COM 1-4) 1 x VGA 1 x HDMI 1 x DP 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet (Intel® 82579LM & 82583V) 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	Supports 2 x 2.5" SATA HDD drive bay (RAID 0 & 1 supported) Supports 1 x CFast™ slot
Expansion Interface	1 x PCI Express Mini Card slot (USB+PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	DC ATX 150W Input: Input 10-30VDC
Operating Temperature	-5°C ~ +50°C (23°F ~ 122°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	193 mm (7.6") (W) x 231 mm (9.09") (D) x 111 mm (4.37") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE
EOS Support	WES7

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screws pack
- 4 x foot pad
- 8 x HDD anti-vibration damper
- 1 x power kit or 1 x DC-in connector

Features

- Socket G2 (rPGA 988B) for 2nd generation Intel® Core™ i7/i5/i3 & Celeron® processor TDP under 35W
- Intel® QM67 chipset
- DDR3-1066/1333 SO-DIMM max. up to 16 GB
- Two 2.5" SATA drive bays and 1 CFast™ slot
- 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot



▲ Rear view

Power Protection

DC Version

- OCp (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

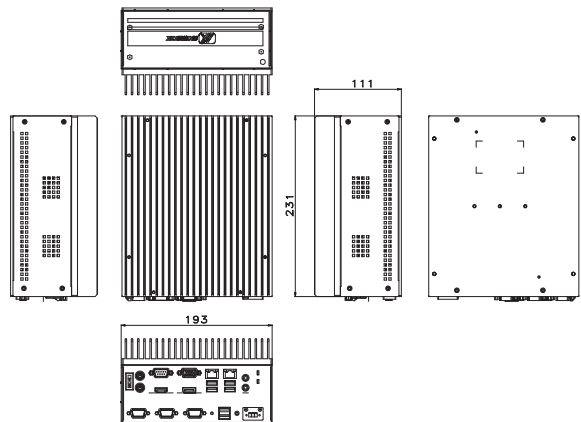
eBOX640-860-FL-DC	Fanless embedded system with socket G2 Intel® Core™ i7/i5/i3 & Celeron® processor, VGA, HDMI, DisplayPort, 2 GbE LAN, 4 RS-232, 6 USB, dual HDD and DC-in
eBOX640-860-FL-US	Fanless embedded system with socket G2 Intel® Core™ i7/i5/i3 & Celeron® processor, VGA, HDMI, DisplayPort, 2 GbE LAN, 4 RS-232, 6 USB, dual HDD, AC adapter and US power cord
eBOX640-860-FL-EU	Fanless embedded system with socket G2 Intel® Core™ i7/i5/i3 & Celeron® processor, VGA, HDMI, DisplayPort, 2 GbE LAN, 4 RS-232, 6 USB, dual HDD, AC adapter and EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	1 GB ~ 8 GB
CFast™	512 MB or above
Wi-Fi module	
GPS module	
Graphic codec module	
Wall mount kit	
Power cord	

*Specifications and certifications are based on options and may vary.

Dimensions



eBOX646-FL

Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor for Gaming Management System



▲ Front view



Specifications

Standard Color	Black
Construction	Heavy-duty cold-rolled steel, IP30
CPU	AMD Geode™ LX800 500 MHz onboard
System Memory	1 x 200-pin DDR SO-DIMM max. up to 1 GB
Chipset	AMD LX800 + CS5536
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x PS/2 keyboard/mouse through Y-type cable 2 x 10/100Mbps Ethernet (Realtek RTL8139DL) 3 x USB 2.0 1 x optional expansion slot for audio (Mic-in/Line-in/Line-out) or LPT or digital I/O 1 x dummy-proof reset button 1 x VDC power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 20W adapter Input: AC 90 ~ 264V Output: DC 5V @ 4A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°C) (with W.T. CF)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with CF (5 ~ 500 Hz, X, Y, Z directions)
Dimensions	200 mm (7.8") (W) x 150 mm (5.9") (D) x 44 mm (1.73") (H)
Weight (net/gross)	1.3 kg (2.86 lb)/ 1.8 kg (3.97 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x Y cable for PS/2 keyboard/mouse
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter

Features

- Fanless operation
- Low voltage AMD Geode™ LX800 500 MHz processor onboard
- AMD LX + CS5536
- Screw type 20W AC/DC power adapter
- Easy access via bottom side
- Operating temperature range of -10°C ~ +50°C
- Supports CompactFlash™
- Best suit for gaming management system



▲ Rear view

Power Protection

AC Version

- OLD (over load protection)
- SCP (short circuit protection)

Ordering Information

Standard

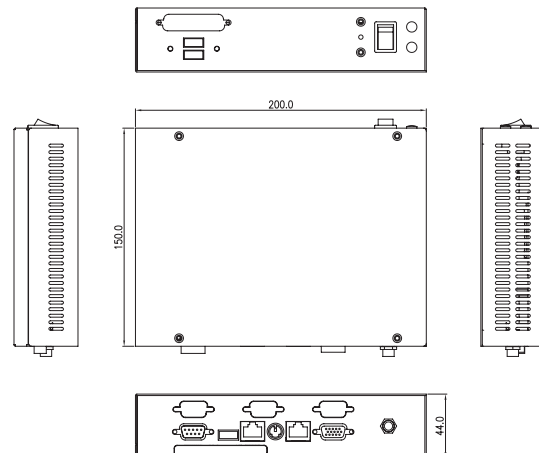
eBOX646-FL AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, wall mount kit and 20W AC/DC adapter
eBOX646-FL-IO AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, wall mount kit, 20W AC/DC adapter, optional for 1 LPT, audio or D/IO

Optional

DDR SO-DIMM	256 MB ~ 1 GB
CompactFlash™	256 MB or above
Cable kit	Digital I/O cable, print cable
Wall mount bracket	
Power cord	

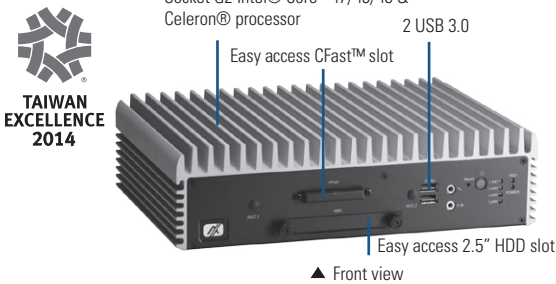
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX660-872-FL

Fanless Embedded System with Socket G2 Intel® Core™ i7/i5/i3 & Celeron® Processor and 4 GbE LAN



Specifications

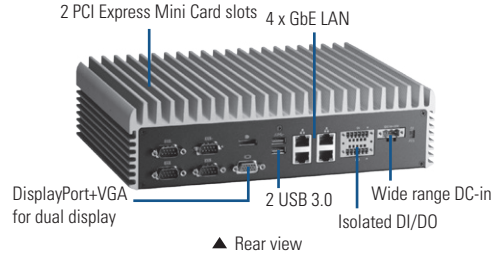
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Socket G2 (rPGB 988B) for 3rd generation Intel® Core™ i7/ i5/i3 & Celeron® processor, TDP under 45W
System Memory	2 x 204-pin DDR3 1333/1600MHz SO-DIMM max. up to 16 GB
Chipset	Intel® HM76
BIOS	AMI UEFI BIOS with OA 3.0 built
System I/O Outlet	4 x RS-232/422/485 (COM 1 - 4) 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 4 x 10/100/1000Mbps Ethernet (Intel® i210-IT) 4 x USB 3.0 8 Isolated DI/DO (4 IN & 4 OUT) 2 x SMA type connector opening for antenna 1 x V _{oc} 10 ~ 35V power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slots (USB+PCI Express signal) 2 x SIM slots
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active 4 x green LED for LAN link status
Power Supply	DC input 10-30VDC
Operating Temperature	-40°C ~ +70°C (with W.T. SSD, CPU TDP 35W) -40°C ~ +60°C (with W.T. SSD, CPU TDP 45W)
Storage Temperature	-45°C ~ +80°C (-49°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 190 mm (7.48") (D) x 70 mm (2.75") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE
EOS Support	WEBS, WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x DC-in connector

Features

- Socket G2 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor
- Intel® HM76 chipset
- 204-pin DDR3-1333/1600 SO-DIMM max. up to 16 GB
- One 2.5" SATA drive bay, 1 CFast™ slot and 1 mSATA
- 2 internal PCI Express Mini Card slots
- Supports VGA and DisplayPort for dual display
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot



Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OCV (over current protection)
- OTP (over temperature protection)
- Reverse protection

Ordering Information

Standard

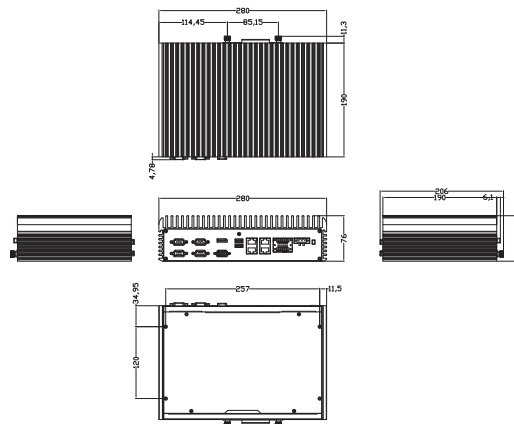
eBOX660-872-FL-i7-3610QE-DC	Fanless embedded system with socket G2 Intel® Core™ i7-3610QE processor, VGA, DisplayPort, 4 GbE LAN, 4 USB 3.0, 4 COM ports and 10-30VDC
eBOX660-872-FL-i5-3610ME-DC	Fanless embedded system with socket G2 Intel® Core™ i5-3610ME processor, VGA, DisplayPort, 4 GbE LAN, 4 USB 3.0, 4 COM ports and 10-30VDC

Optional

2.5" SATA HDD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 16 GB
CFast™	512 MB or above
Wi-Fi module	
3G module	
GPS module	
Wall mount kit	8816K635010E
Din-rail kit	8816K671030E
AC power kit	

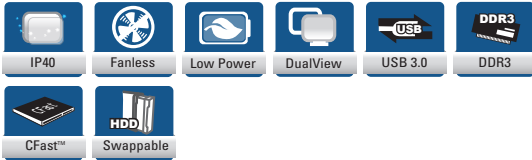
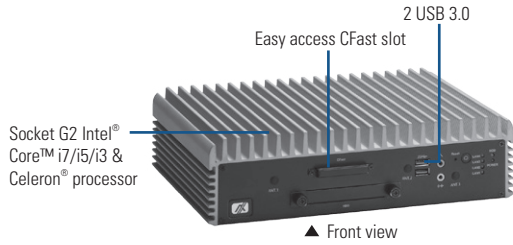
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX660-872-FL-DH

Fanless Embedded System with Socket G2 Intel® Core™ i7/i5/i3 & Celeron® Processor, 4 GbE LAN, CFast™ and Dual HDD



Specifications

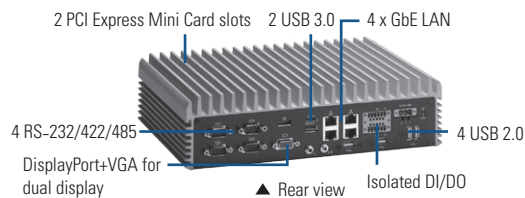
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Socket G2 (rPGB 988B) for 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP under 45W
System Memory	2 x 204-pin DDR3-1333/1600MHz SO-DIMM max. up to 16 GB
Chipset	Intel® HM76
BIOS	AMI UEFI BIOS with OA 3.0 built
System I/O Outlet	4 x RS-232/422/485 (COM 1 ~ 4) 1 x VGA 1 x DisplayPort 2 x Audio (Mic-in/Line-out) (Both front and rear sides are supported) 4 x 10/100/1000Mbps Ethernet (Intel® i210-IT) 4 x USB 3.0 & 4 x USB 2.0 8 Isolated DI/DO (4 IN & 4 OUT) 2 x SMA type connector opening for antenna 1 x Vdc 10~30V power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" swappable SATA HDD drive bay 1 x 2.5" internal SATA HDD drive bay 1 x CFast™ slot 1 x mSATA
Expansion Interface	2 x Full-size PCI Express Mini Card slots (USB+PCI Express signal) 2 x SIM slots
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active 4 x green LED for LAN link status
Power Supply	DC input 10-30VDC
Operating Temperature	-20°C ~ +70°C (-4°F ~ +158°F), with TDP 35W (with W.T. SSD, CPU TDP 35W) -20°C ~ +60°C (-4°F ~ +140°F), with TDP 45W (with W.T. SSD, CPU TDP 45W)
Storage Temperature	-45°C ~ +80°C (-49°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 190 mm (7.48") (D) x 70 mm (2.75") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE
EOS Support	WEBS, WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x DC-in connector

Features

- Socket G2 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor
- Intel® HM76 chipset
- 204-pin DDR3-1333/1600 SO-DIMM max. up to 16 GB
- Two 2.5" SATA drive bay, 1 CFast™ slot and 1 mSATA
- 4 USB 3.0 & 4 USB 2.0 ports
- 2 internal PCI Express Mini Card slots
- Supports VGA and DisplayPort for dual display
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot



Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OC (over current protection)
- OTP (over temperature protection)
- Reverse protection

Ordering Information

Standard

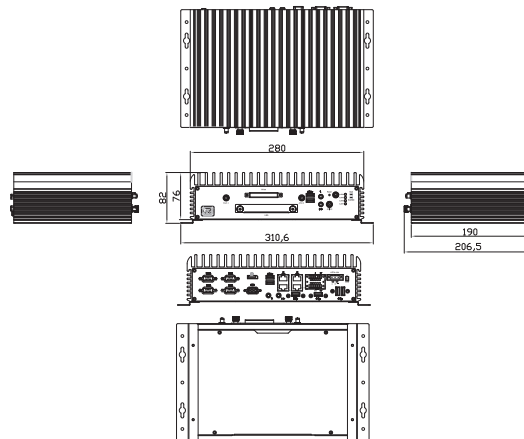
eBOX660-872-FL-DH-DC	Fanless embedded system with 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, VGA, DisplayPort, Dual HDD, 4 GbE LAN, 4 USB 3.0, 4 USB 2.0, audio, 4 isolated RS-232/422/485, 8 isolated DI/DO and 10~30VDC
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Optional

2.5" SATA HDD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 16 GB
CFast™	512 MB or above
Wi-Fi module	
3G module	
GPS module	
Wall mount kit	8816K635010E
Din-rail kit	Din-rail kit 8816K671030E
AC power kit	

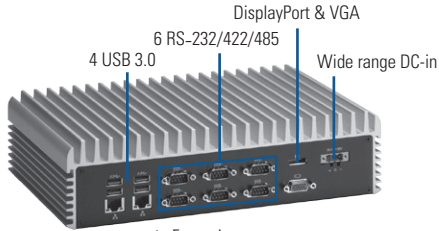
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX670-883-FL

Fanless Embedded System with LGA1150 Socket Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q87, HDMIx2/VGA/DisplayPort, 4 GbE LAN, 6 USB 3.0, Wide Range DC-in and PCIe Mini Card



Specifications

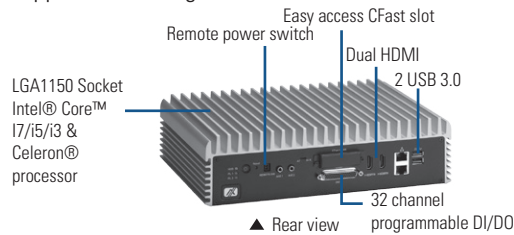
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 45W)
System Memory	2 x 204-pin DDR3-1333/1600MHz SO-DIMM max. up to 16 GB
Chipset	Intel® Q87
BIOS	AMI
System I/O Outlet	6 x RS-232/422/485 (COM1 ~ 6) 2 x HDMI 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 4 x 10/100/1000Mbps Ethernet (Intel® i210-IT, I217LM) 6 x USB 3.0 32 channel programmable DI/DO 3 x SMA type connector opening for antenna 1 x VDC 9~36V power input connector 1 x ATX power switch with status indicator
Watchdog Timer	255 levels, 1~255 sec.
Storage	2 x 2.5" SATA HDD drive bay (Supports RAID 0 & 1) 1 x CFast™ slot 1 x mSATA
Expansion Interface	2 x Full-size PCI Express Mini Card slots (USB+PCI Express signal) 1 x SIM slot
System Indicator	1 x orange LED for HDD active 2 x green LED for programmable 1 x orange/blue LED for system status (in ATX switch)
Power Supply	DC input 9~36V
Operating Temperature	-40°C ~ +55°C (-40°F~131°F) (with W.T. SSD, CPU TDP 35W) -40°C ~ +50°C (-40°F~122°F) (with W.T. SSD, CPU TDP 45W)
Storage Temperature	-45°C ~ +80°C (-49°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5 - 500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 190 mm (7.48") (D) x 70 mm (2.75") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE, EN60950 Compliance
EOS Support	WEBS, WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad

Features

- LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell) with Intel® Q87
- Fanless operation design with full feature I/O
- 204-pin DDR3-1333/1600 SO-DIMM max. up to 16 GB
- Two 2.5" SATA drive bay, 1 CFast™ slot and mSATA
- Two internal PCI Express Mini Card slots, 1 SIM slot
- Supports 2 HDMI, VGA and DisplayPort for triple independent display
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot, Teaming
- Supports wide range 9-36VDC



Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OCP (over current protection)
- SCP
- Reverse protection

Ordering Information

Standard

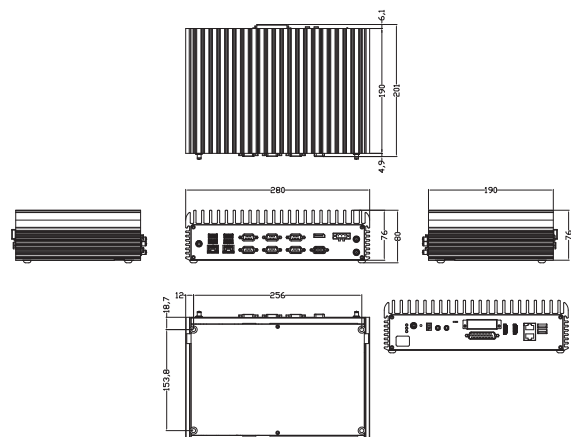
eBOX670-883-FL-DC	Fanless embedded system with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q87, HDMI x 2/VGA/Display, 4 GbE LAN, 6 USB 3.0, CFast™, PCIe Mini Card and 9~36VDC
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Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 16 GB
CFast™	512 MB or above
Wi-Fi module	
3G module	
GPS module	
Wall mount kit	
AC power kit	
Power Cord	

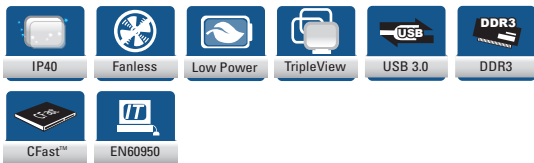
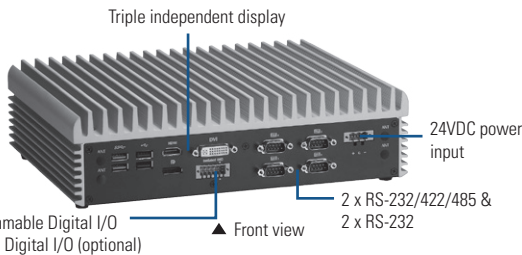
*Specifications and certifications are based on options and may vary.

Dimensions



eBOX671-885-FL

Fanless Embedded System with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® Q87, 4 PoE, 6 USB 3.0, HDMI/DVI/DisplayPort and 2 PCIe Mini Card



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	4th generation Intel® Core™ i7/i5/i3 & Celeron® processors with TDP max. up to 45W
System Memory	2 x 204-pin DDR3 1333/1600 SO-DIMM max. up to 16 GB
Chipset	Intel® Q87
BIOS	AMI
System I/O Outlet	2 x 10/100/1000Mbps Ethernet (Intel® i211) 4 x 10/100/1000Mbps Power over Ethernet (PoE) - 4 port full-load, IEEE802.3af Class 2 (7 Watt) - 2 port full-load, IEEE802.3af Class 3 (15.4 Watt) - 1 port full-load, IEEE802.3at Class 4 (30 Watt) 2 x RS-232/422/485 2 x RS-232 8-CH Programmable/Isolated DI/DO 6 x USB 3.0 2 x USB 2.0 1 x Audio (MIC-in/Line-out) 1 x DVI-I 1 x HDMI 1 x DisplayPort 1 x 24VDC power input connector 1 x Power switch 1 x Reset switch 1 x Remote power switch 3 x Antenna opening
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	2 x 2.5" SATA HDD bay, max. height 9.5 mm (RAID 0 & 1 supported) 1 x CFast™ (front access) 2 x mSATA
Expansion Interface	2 x Full-size PCI Express Mini Card slot (USB+PCIe signal) 1 x SIM Card slot
System Indicator	1 x blue LED for system power 1 x orange LED for HDD active
Power Supply	DC Input 24V
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F) (with W.T. SSD or CFast™, CPU TDP 35W)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	280 mm (11.02") (W) x 210 mm (8.27") (D) x 76 mm (2.99") (H)
Weight (net/gross)	4.31 kg (9.5 lb) / 5.1 kg (11.24 lb)
Certificate	CE
EOS Support	WES7, WE8S, Linux

Features

- LGA1150 4th generation Intel® Core™ i7/i5/i3 & Celeron® (Haswell and Haswell Refresh) processor with Intel® Q87
- Fanless operation design with full feature I/O
- 4-CH GbE PoE
- Supports 2.5" SATA HDD drive bay, mSATA and CFast™ slot
- Two internal PCI Express Mini Card slots, one SIM card slot
- Supports HDMI, DVI-I and DisplayPort for triple independent display
- Supports RAID 0 & 1, Jumbo Frame (9.5K), WoL, PXE and Teaming
- Supports Intel® AMT, Intel® VT-d, Intel® vPro™ and Intel® RST



Power Protection

DC Version

OVP (over voltage protection)
UVP (under voltage protection)
OCP (over current protection)
SCP (short circuit protection)
Reserve protection

Ordering Information

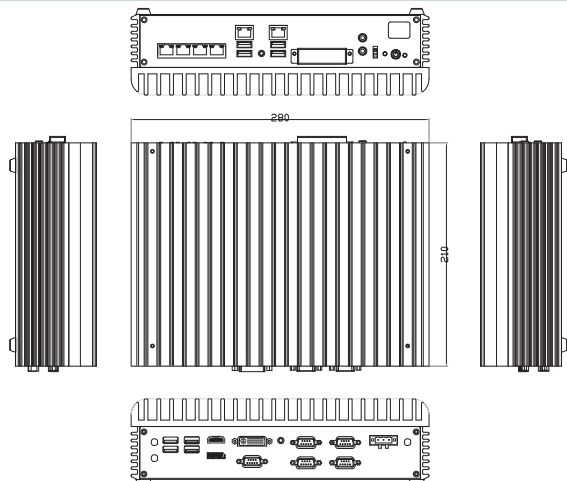
Standard

eBOX671-885-FL-DC	Fanless embedded system with Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q87, DVI-I/HDMI/DisplayPort, dual HDD, 4 PoE, 2 GbE LAN, 8 USB, audio, 4 COM and 8-CH TTL digital I/O and 24VDC
eBOX671-885-FL-DC-I	Fanless embedded system with Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q87, DVI-I/HDMI/DisplayPort, dual HDD, 4 PoE, 2 GbE LAN, 8 USB, audio, 4 COM and 8-CH isolated digital I/O and 24VDC

Optional

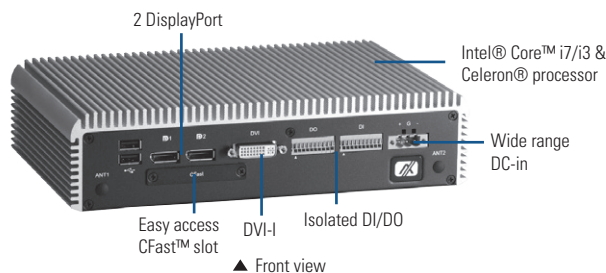
2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 8 GB
CFast™	512 MB or above
Wall mount kit	8816K635010E
Din-rail kit	8816K671030E
Wi-Fi module	
3G module	

Dimensions



eBOX730-860-FL

Fanless Embedded System with Intel® Core™ i7/i3 & Celeron® Processor, Isolated COM and Digital I/O



▲ Front view



Specifications

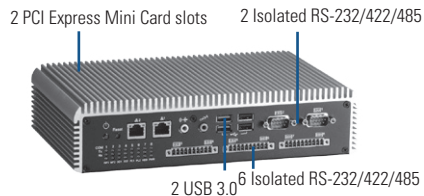
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Core™ i7-2610UE/ i3-2340UE/ Celeron® B810 processor
System Memory	2 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 16 GB
Chipset	Intel® QM67
BIOS	AMI UEFI BIOS
System I/O Outlet	8 x isolated RS-232/422/485 (COM1 ~ 8) 1 x DVI-I 2 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® 82574IT & 82579LM) 4 x USB 2.0 2 x USB 3.0 16 Isolated DI/DO (8 IN & 8 OUT) 2 x SMA type connector opening for antenna 1 x V _{oc} power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA3 HDD drive bay 1 x CFast™ slot
Expansion Interface	2 x PCI Express Mini Card slots (USB+PCI Express signal) 2 x SIM slots
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active 2 x WWAN LED for status 8 x COM LED for status 2 x programmable LED
Power Supply	10 - 35VDC
Operating Temperature	-20°C ~ +70°C (-4°F ~ +158°F) (with W.T. SSD)
Storage Temperature	-30°C ~ +80°C (-22°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	3 Grms w/ CFast™ (5 - 500Hz, X, Y, Z directions)
Dimensions	250 mm (9.84") (W) x 150 mm (5.9") (D) x 60 mm (2.36") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE
EOS Support	WE8S, WES7, Linux

Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x CF mylar
- 1 x DVI to VGA Connector
- 3 x DI/O connectors
- 1 x DC-in connector

Features

- 2nd generation Intel® Core™ i7/i3 & Celeron® B810 processor
- Intel® QM67 chipset
- 204-pin DDR3-1066/1333 SO-DIMM max. up to 16 GB
- 8 isolated RS-232/422/485 ports
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot, vPRO, iAMT, Teaming
- One 2.5" SATA3 drive bay, CFast™
- 2 internal PCI Express Mini Card slots



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OCP (over current protection)
- OTP (over temperature protection)
- Reverse protection

Ordering Information

Standard

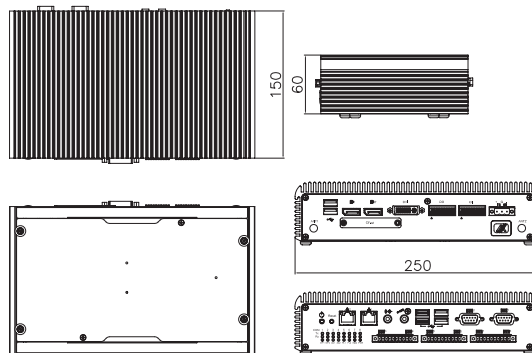
eBOX730-860-FL -2610UE-DC	Fanless embedded system with Intel® Core™ i7-2610UE 2.4 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LAN, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in
eBOX730-860-FL -2340UE-DC	Fanless embedded system with Intel® Core™ i3-2340UE 1.3 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LAN, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in
eBOX730-860-FL -B810E-DC	Fanless embedded system with Intel® Celeron® B810E 1.6 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LAN, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	1 GB ~ 16 GB
CFast™	512 MB or above
Wi-Fi module	
3G module	
GPS module	
Graphic codec module	
Wall mount kit	
AC power kit	

*Specifications and certifications are based on options and may vary.

Dimensions



eBOX745-FL500

Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor



▲ Front view



Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty cold-rolled steel, IP40
CPU	AMD Geode LX800 500 MHz onboard
System Memory	1 x 200-pin DDR SO-DIMM max. up to 1 GB
Chipset	AMD LX800 + CS5536
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x LPT 1 x PS/2 keyboard/mouse 2 x 10/100Mbps Ethernet (Realtek RTL8139DL) 3 x USB 2.0 1 x VDC power input terminal block (DC version) 1 x VAC power input connector (AC version)
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" IDE HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	* AC AT 72W Input: 85 ~ 270VAC Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A * DC AT 72W Input: 18 ~ 36VDC Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F) (with W.T. HDD, AC PSU)
Storage Temperature	-30°C ~ +80°C (-22°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with CF (5 ~ 500 Hz, X, Y, Z directions) 0.5 Grms with HDD (5 ~ 500 Hz, X, Y, Z directions)
Dimensions	225 mm (8.86") (W) x 225 mm (8.86") (D) x 51 mm (2.01") (H)
Weight (net/gross)	2.15 kg (4.74 lb)/2.9 kg (6.39 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES

- Fanless operation
- AMD Geode LX800 500 MHz low voltage processor onboard
- AMD LX + CS5536
- Extremely low power consumption
- Supports CompactFlash™
- 70 watt AC-in or DC-in power supply



▲ Rear view

Power Protection

AC & DC Version

- OVP (over voltage protection)
- OLD (over load protection)
- SCP (short circuit protection)

Ordering Information

Standard

eBOX745-FL500 AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256 MB DDR SO-DIMM and AC-in 70W P/S
eBOX745-FL500 DC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256 MB DDR SO-DIMM and 24VDC-in 70W P/S

Optional

2.5 IDE HDD	40 GB or above
DDR SO-DIMM	256 MB ~ 1 GB
CompactFlash	256 MB or above
Power supply	24VDC-in, 12VDC-in
Power cord	
Din-rail kit	

*Specifications and certifications are based on options and may vary.

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Владивосток (423)249-28-31

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Вологда (8172)26-41-59

Воронеж (473)204-51-73

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Кемерово (3842)65-04-62

Киров (8332)68-02-04

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Томск (3822)98-41-53

Тула (4872)74-02-29

Тюмень (3452)66-21-18

Ульяновск (8422)24-23-59

Уфа (347)229-48-12

Челябинск (351)202-03-61

Череповец (8202)49-02-64

Ярославль (4852)69-52-93