

Overview

Cutting Edge Embedded Solutions

Small Footprint & Low Power

Extreme Performance

Reliability & Longevity



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

Калининград (4012)72-03-81
Калуга (4842)92-23-67
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

Product Showcase



Digital Signage

	DSB-300	OFP240-D510	OFP320	OPS860
CPU	Intel® Atom™ D525 1.8 GHz	Intel® Atom™ D510 1.66 GHz	Intel® Core™ i7 2.1 GHz	Intel® Core™ i7 2.1 GHz
System Memory	2 x DDR3 up to 4 GB	2 x DDR2 up to 4 GB	1 x DDR3 up to 4GB	1 x DDR3 up to 4GB
LCD Size	N/A	24" (16:9)	31.5" (16:9)	N/A
LCD Resolution	N/A	1920 x 1080P	1920 x 1080P	N/A
I/O	4 x USB, 1 x RS-232	4 x USB, 1 x RS-232, 2 x PS/2 keyboard/mouse	2 x USB 2.0	2 x USB, 1 x JAE TX-25
Ethernet	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000 Mbps
Display	1 x VGA	N/A	1 x VGA	1 x VGA
Audio	1 x Audio (Mic-in/Line-out)	1 x Audio (Line-in/Line-out/Mic)	1 x Audio (Line-out/Mic-in)	1 x Audio (Line-out/ Mic-in)
Expansion Interface	2 x PCI Express Mini Card	1 x PCI Express Mini Card	2 x PCI Express Mini Card	1 x PCI Express Mini Card
Storage	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
Touchscreen	N/A	Surface acoustic wave (SAW) touch (optional)	N/A	N/A
Power Supply	65W, 100 - 240VAC	19VDC, with AC-DC adaptor	450W, 100-240VAC	12VDC - 19VDC
Mounting	Wallmount	VESA FPM/PMI compliant flat, Panel mount	VESA FPM/PMI compliant flat, Panel mount	N/A
Dimensions	400 x 44 x 235 mm (15.74" x 1.73" x 9.25")	350 x 90.8 x 587 mm (13.7" x 3.6" x 23.1")	781 x 118 x 471 mm (30.74" x 4.64" x 18.54")	180 x 120 x 30 mm (7.08" x 4.72" x 1.18")
Weight (net/gross)	3.8 kg (8.4 lb)/4.6 kg (10.1 lb)	10.5 kg (23.1 lb)/12 kg (26.4 lb)	27.1 kg (59.7 lb)/31.1 kg (68.6 lb)	1 kg (2.2 lb)/1.5 kg (3.3 lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 54°C (32°F - 130°F)
Certification	CE	CE	CE	CE
Note	Fanless, IP40 Dust-proof, 3G, TV Tuner, support Full HD	Full HD	Intel® OPS Architecture, Pluggable Engine Box	Intel® Open Pluggable Specification (OPS) compliant



Touch Panel Computers

	GOT-812	GOT-3156T-823	IFO2225-830-FL	FDK190-830
CPU	Intel® Atom™ N270 1.6 GHz	Intel® Atom™ Z5101PT 1.1 GHz	Intel® Atom™ N270 1.6 GHz	Intel® Atom™ N270 1.6 GHz
System Memory	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB
Display	12.1" TFT, WVGA, 300 nits	15" TFT, XGA, 400 nits	22" WSXGA+, 300 nits, 16:9	19" TFT, SXGA, 250 nits
I/O	2 x USB, 2 x RS-232	4 x USB, 2 x RS-232, 1 x RS-232/422/485, 1 x VGA, 1 x Audio (Line-out), 1 x PS/2 keyboard/mouse	4 x USB, 3 x RS-232, 1 x RS-232/422/485, 1 x VGA, 1 x Audio (Mic-in/Line-out)	4 x USB, 3 x RS-232, 1 x RS-232/422/485, 1 x VGA, 1 x Audio (Line-out), 1 x VR (brightness adjustment)
Ethernet	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps
Expansion Interface	1 x PCI Express Mini Card	1 x PCI Express Mini Card (USB only)	1 x Mini Card slot	1 x PCI Express Mini Card
Storage	1 x 2.5" SSD, 1 x CompactFlash™	1 x 2.5" HDD, 1 x CompactFlash™	1 x 2.5" HDD, 1 x CompactFlash™	1 x 2.5" HDD, 1 x CompactFlash™
Touchscreen	Resistive type	Resistive type	Resistive type	Resistive type
Power Supply	12/24 VDC	36W, 12/24 VDC	24VDC with AC-DC adaptor	36W, 12/24VDC
Mounting	Suspension and VESA mount	Panel mount, VESA arm, desktop stand, wall mount	Panel mount, VESA arm, desktop stand, wall mount	VESA arm and open frame mount
Dimensions	304 x 58.5 x 248 mm (11.97" x 2.3" x 9.76")	396 x 65.9 x 312 mm (15.6" x 2.6" x 12.3")	573.5 x 68.5 x 399 mm (22.58" x 2.69" x 15.71")	404.5 x 65 x 332 mm (15.92" x 2.6" x 13.07")
Weight (net/gross)	4.5 kg (9.92 lb) / 6 kg (13.23 lb)	5.3 kg (11.68 lb) / 7.4 kg (16.31 lb)	8.22 kg (18.12 lb) / 9.87 kg (21.76 lb)	5.82 kg (12.83 lb) / 7.86 kg (17.32 lb)
Operating Temperature	-20°C - 55°C (-4°F - +131°F)	-20°C - 65°C (-4°F - +149°F)	0°C - 40°C (32°F - 104°F)	0°C - 50°C (32°F - 122°F)
Operating System	Windows® XP/XPE/7, WinCE.NET, Linux	Windows® XP, XPE, WinCE.NET	Windows® XP, XPE, WinCE.NET	Windows® XP/XPE/7, Linux
Certification	CE, IEC 60945, DNV 2.4	CE	CE	CE
Note	IP66, Extended Temperature	Extended Temperature	IPX1	Open Frame, Slim Design VR (brightness adjustment)
Similar Models	GOT-815, GOT-808	GOT-3126T-823, GOT-3106T-823, GOT-3846T-823	IFO21175-830-FL, IFO2175-850-FL, IFO2225-851-FL	FDK170-830, FDK150-830

Axiomtek Embedded Platforms Featuring Intel® Cutting Edge Solutions

Product Showcase



Embedded Field Controllers

	rBOX100	rBOX101-4COM	rBOX101-6COM	rBOX104
CPU	Intel® Atom™ Z510PT 1.1 GHz / Z520PT 1.33 GHz	Intel® Atom™ Z510PT 1.1 GHz / Z520PT 1.33 GHz	Intel® Atom™ Z510PT 1.1 GHz / Z520PT 1.33 GHz	Intel® Atom™ Z510PT 1.1 GHz / Z520PT 1.33 GHz
Chipset	Intel® US15WPT	Intel® US15WPT	Intel® US15WPT	Intel® US15WPT
System Memory	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB
Storage	1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™
I/O	1 x DIO (8 In/Out, isolation), 2 x USB, 2 x RS-232/422/485	4 x RS-232/422/485 (isolation), 2 x USB	1 x DIO (4 In/Out, isolation), 6 x RS-232/422/485 (isolation), 2 x USB	4 x PoE, 2 x USB, 2 x RS-232/422/485
Display	1 x VGA	1 x VGA	1 x VGA	1 x VGA
Ethernet	1 x 10/100Mbps & 1 x 10/100/1000Mbps	1 x 10/100Mbps & 1 x 10/100/1000Mbps	1 x 10/100Mbps & 1 x 10/100/1000Mbps	1 x 10/100/1000Mbps
Power Supply	Power redundancy 12-48VDC (terminal block)	Power redundancy 12-48VDC (terminal block)	Power redundancy 12-48VDC (terminal block)	48VDC (terminal block)
Mounting	DIN-rail	DIN-rail	DIN-rail	DIN-rail
Operating Temperature	-40° C - 70° C (-40° F - 158° F)	-40° C - 70° C (-40° F - 158° F)	-40° C - 70° C (-40° F - 158° F)	-40° C - 70° C (-40° F - 158° F)
Dimensions	81 x 110 x 135 mm (3.18" x 4.33" x 5.31")	81 x 110 x 135 mm (3.18" x 4.33" x 5.31")	100.6 x 110 x 135 mm (3.96" x 4.33" x 5.31")	81 x 110 x 135 mm (3.18" x 4.33" x 5.31")
Weight (net/gross)	1.38 kg (3 lb)/1.72 kg (3.78 lb)	1.38 kg (3 lb)/1.72 kg (3.78 lb)	2 kg (4.4 lb)/ 2.35 kg (5.2 lb)	1.38 kg (3 lb)/1.72 kg (3.78 lb)
EOS Support	XPE, WinCE, Linux	XPE, WinCE, Linux	XPE, WinCE, Linux	XPE, WinCE, Linux
Certification	CE/ FCC, UL508, EN61000, IEC60068	CE	CE	CE/ FCC, UL508, EN61000, IEC60068
Compliance	UL/cUL60950-1	FCC, UL/cUL60950-1, UL508, EN61000, IEC60068	FCC, UL/cUL60950-1, UL508, EN61000, IEC60068	UL/cUL60950-1



Network Appliances

	NA-320/NA-320FL	NA-330	NA-510	NA-550
Form Factor	1U, Desktop	1U, Rackmount	1U, Rackmount	1U, Rackmount
CPU	Intel® Atom™ D510 1.66 GHz	Intel® Atom™ D525 1.8 GHz (D425 for optional)	Intel® Clarkdale i5-660/i3-540/G6960, Lynnfield i7-860/i5-750	2nd generation Intel® Core™ processor, Max 95 watt
Chipset	Intel® ICH8M	Intel® ICH8M	Intel® Q57	Intel® C206
System Memory	1 x DDR2 up to 2 GB (unbuffered non-ECC)	2 x DDR3 up to 4 GB (unbuffered non-ECC)	2 x DDR3 up to 8 GB (unbuffered non-ECC)	4 x DDR3 up to 16 GB (non-buffer none-ECC / ECC Memory)
Storage	1 x 2.5" HDD, 1 x CompactFlash™	2 x 2.5" HDD or 1 x 3.5" HDD for optional, 1 x CompactFlash™	2 x 2.5" HDD or 1 x 3.5" HDD for optional, 1 x CompactFlash™	2 x 2.5" HDD or 1 x 3.5" HDD for optional, 1 x CompactFlash™
Expansion Interface	N/A	N/A	1 x MiniPCI, 1 x PCIe x8	1 x MiniPCI, 1 x PCI
Ethernet	6 x 10/100/1000Mbps (Intel® 82583V), footprint compatible with Intel® 82574L	10 x 10/100/1000Mbps (Intel® 82572EI, Intel® 82583V, Intel® 82541PI)	8 x 10/100/1000Mbps	14 x 10/100/1000Mbps, up to 26 LAN ports (by LAN modules)
I/O	2 x USB, 1 x RS-232, 1 x VGA	2 x USB, 1 x RS-232, 1 x VGA	2 x USB, 1 x RS-232	2 x USB, 1 x RS-232
Power Supply	Power Jack 12V, 5A	84W open frame	270W ATX	300W ATX
Fanless	NA-320FL	N/A	N/A	N/A
Dimensions	44 x 230 x 153.5 mm (1.73" x 9" x 6.04")	44 x 430 x 392 mm (1.73" x 16.93" x 15.43")	44 x 430 x 394.4 mm (1.73" x 16.93" x 15.52")	44 x 427.8 x 520 mm (1.73" x 16.84" x 20.47")
Weight (net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)	8.2 kg (17.64 lb)/9.8 kg (16.93 lb)	8.2 kg (17.64 lb)/9.8 kg (21.61 lb)	8.2 kg (17.64 lb)/9.8 kg (21.61 lb)
Note	LAN Bypass, Console Redirection	LAN Bypass, Console Redirection	Intel® AMT 6.0, LAN Bypass, Console Redirection	Two LAN Bypass, Console Redirection

Value-Centric Digital Signage Solutions

OPF320

31.5" Full HD Digital Signage System with Intel® OPS

- Intel® Open Plugable Specification (OPS) compliant
- 2nd generation Intel® Core™ processors, Core™ i7 processor 2.1 GHz
- Full HD resolution: 1920 x 1080P
- 31.5" wide TFT LCD



DSB-300

IP40 Dust-proof Digital Signage Player

- Fanless operation
- IP40-rated dust-proof design
- Intel® Atom™ processor D525 1.8 GHz
- HD hardware decoder supports 1920 x 1080P

Embedded Boards



	CEM860	MANO800	IMB205	SHB106	SBC81210
Form Factor	COM Express™ type 6	Mini ITX	ATX	PICMG 1.3	PICMG 1.0
CPU	Intel® Quad/Dual Core™ i7/ i5	LGA1156 Intel® Core™ i7/ i5/ i3/ Pentium®	LGA1156 Intel® Core™ i7/ i5/ i3/ Pentium®	LGA1155 Intel® Core™ i7/ i5/ i3	Intel® Core™ i3/ i5/ i7
Front Side Bus	N/A	N/A	N/A	N/A	N/A
Chipset	Intel® QM67	Intel® Q57	Intel® Q57	Intel® Q67 PCH	Intel® B65
System Memory	DDR3-1066/1333 up to 16 GB	DDR3-1066/1333 up to 8GB	DDR3-1066/1333 up to 16GB	DDR3-1066/1333 up to 8 GB	DDR3-1066/1333 up to 8 GB
Onboard SSD	N/A	1 x CompactFlash™ or 1 x CFAST (optional)	USB DOM	N/A	N/A
Expansion Interface	22 lanes of PCIe gen. 2	1 x PCIe x4	1 x PCIe x16, 1 x PCIe x4, 2 x PCIe x1, 3 x PCI	1 x PCIe x16, 1 x PCIe x4 or 4 x PCIe x1, 4 x PCI	3 x PCI, ISA
I/O	2 x SATA-600 & 2 x SATA-300, 8 x USB 2.0 & 2 x USB 3.0 (optional)	4 x SATA-300 with RAID, 10 x USB, 2 x COM, 2 x PS/2 keyboard/mouse	6 x SATA-300 with RAID, 12 x USB, 4 x COM, 2 x PS/2 keyboard/mouse	2 x SATA-6Gb/s & 4 x SATA-3Gb/s with RAID, 14 x USB, 2 x COM, 2 x PS/2 keyboard/mouse	1 x SATA-6Gbps & 3 x SATA-3Gbps, 6 x USB, 2 x COM, 2 x PS/2 keyboard/mouse
Display	1 x VGA, 1 x LVDS, 3 x DDI	1 x DVI-D, 1 x VGA	1 x VGA, 1 x DisplayPort	1 x VGA or DisplayPort (optional)	1 x VGA
Audio	Codec on motherboard	HD Codec	HD Codec	HD Codec	By audio converter
Ethernet	1 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps
Operating Temperature	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)
Dimensions	125 x 95 mm	170 x 170 mm	305 x 244 mm	338 x 126 mm	338 x 122 mm



Embedded Systems

	eBOX511-820-FL/ eBOX531-820-FL	eBOX622-831-FL	eBOX620-800-FL	tBOX311-820-FL	IPC922-212-FL
CPU	Intel® Atom™ Z510 1.1 GHz / Z530 1.6 GHz	Intel® Atom™ N270 1.6 GHz	Intel® Atom™ N450/D510 1.66 GHz	Intel® Atom™ Z510PT 1.1 GHz / Z520PT 1.33 GHz	Intel® Atom™ D425/D525
Chipset	Intel® U515W core logic	Intel® 945GSE + ICH7M	Intel® ICH8M	Intel® U515WPT core logic	Intel® ICH8M
System Memory	1 x DDR2 up to 2 GB	1 x DDR2 up to 1 GB	1 x DDR2 up to 2 GB	1 x DDR2 up to 2 GB	1 x DDR3 up to 4GB
Storage	1 x CompactFlash™, 1 x 2.5" HDD/SSD (eBOX531)	1 x CompactFlash™, 1 x 2.5" HDD/SSD	1 x CompactFlash™, 1 x 2.5" HDD/SSD	1 x CompactFlash™, 1 x 2.5" HDD/SSD	1 x CompactFlash™, 1 x 2.5" HDD/SSD
Expansion Interface	N/A	N/A	1 x PCI Express Mini Card	3 x PCI Express Mini Card 1 x SIM card slot	HAB100: 1 PCIe x1 & 1 PCIe x4 or 2 PCIe x1 HAB102: 1 PCIe x4 & 1 PCI-X HAB103: 1 PCI & 1 PCIe x4
I/O	2 x RS-232, 4 x USB, 1 x PS/2 keyboard/mouse	6 x RS-232, 4 x USB, 1 x PS/2 keyboard/mouse	4 x USB, 2 x RS-232, 1 x RS-232/422/485, 1 x PS/2 keyboard/mouse	1 x CAN Bus, 1 x isolated RS-232/422/485, 4 x USB, 1 x DI/DO, Power input connector	6 x USB, 3 x RS-232, 1 x RS-232/422/485
Display	1 x VGA	1 x VGA	1 x VGA, 1 x DVI-I	1 x DVI-I	1 x VGA
Audio	1 x Audio (Mic-in/Line-out)	1 x Audio (Mic-in/Line-out)	1 x Audio (Mic-in/Line-out)	1 x Audio (Mic-in/Line-out)	1 x Audio (Mic-in/Line-out)
Ethernet	1 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps	1 x 10/100/1000Mbps
Power Supply	25W wide range DC-in (10VDC - 30VDC)	60W 115 - 230VAC adapter	60W 115 - 230VAC adapter	80W intelligent vehicle power supply	120W ATX 18-28VDC
Mounting	Wall Mount, DIN-rail	Wall Mount, DIN-rail	Wall Mount, DIN-rail	Wall Mount, DIN-rail	Wall Mount
Operating Temperature	0°C - 50°C (32°F - 122°F) (with W.T. CF)	-10°C - 50°C (14°F - 122°F) (with W.T. CF)	-10°C - 55°C (14°F - 122°F)	-40°C - 70°C (-40°F - 158°F)	0°C - 45°C (32°F - 113°F)
Dimensions	132 x 95.4 x 47.5 mm (5.19" x 3.75" x 1.87")	200 x 120 x 56 mm (7.87" x 4.72" x 2.2")	200 x 120 x 56 mm (7.87" x 4.72" x 2.2")	244 x 185.4 x 70.4 mm (9.6" x 7.3" x 2.8")	118 x 248 x 185 mm (4.6" x 9.8" x 7.3")
Weight (net/gross)	0.6 kg (1.32 lb)/ 1.2 kg (2.64 lb)	1.5 kg (3.3 lb)/ 2.5 kg (4.4 lb)	1.98 kg (4.36 lb)/ 2.6 kg (5.73 lb)	TBD	4.22 kg (9.28 lb)/ 5.3 kg (11.68 lb)
EOS Support	XPE, CE, Linux	XPE, WinCE, Linux	XPE, WinCE, Linux	XPE, WinCE, Linux	XPE
Certifications	CE	CE	CE	CE, e13, ISO 7637	CE

Product Showcase



Embedded Boards

	CAPA810	CAPA801	CAPA800	SBC84833	SBC84826
Form Factor	3.5" Capa	3.5" Capa	3.5" Capa	3.5" Capa	3.5" Capa
CPU	Intel® Atom™ E620/E640	Intel® Atom™ N455/D425/D525	Intel® Atom™ N450/D410/D510	Intel® Atom™ N270	Intel® Atom™ Z510PT
Front Side Bus	N/A	N/A	N/A	533 MHz	400 MHz
Chipset	N/A	Intel® ICH8M	Intel® ICH8M	Intel® 945GSE + ICH7M	Intel® US15WPT
System Memory	DDR2-800 512 MB/1 GB	DDR3-667/800 up to 4 GB	DDR2-667/800 up to 2 GB	DDR2-400/533 up to 2 GB	DDR2-400/533 up to 2 GB
Onboard SSD	1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™	1 x CompactFlash™
Expansion Interface	1 x PCI Express Mini Card	1 x PCI Express Mini Card	1 x PCI Express Mini Card	1 x PCI Express Mini Card	1 x PCI Express Mini Card
I/O	2 x SATA-300, 3 x USB, 4 x COM	2 x SATA-300, 6 x USB, 4 x COM	2 x SATA-300, 8 x USB, 4 x COM	2 x SATA-150, 7 x USB, 4 x COM	1 x SATA-300, 4 x USB, 4 x COM
Display	1 x VGA, 1 x LVDS (optional)	1 x VGA, 1 x LVDS	1 x VGA, 1 x LVDS	1 x VGA, 1 x LVDS	1 x VGA, 1 x LVDS
Audio	HD Codec	HD Codec	HD Codec	HD Codec	HD Codec
Ethernet	1 x 10/100/1000Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps, 1 x 10/100Mbps
Power Input	+12 V/5 V	+12V only	+12V only	+12V only	+12V only
Operating Temperature	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F) -20°C - 70°C (optional)	0°C - 60°C (32°F - 140°F) -20°C - 70°C (optional)	-20°C - 70°C (-4°F - 158°F)	-40°C - 85°C (-40°F - 185°F)
Dimensions	146 x 104 mm	146 x 104 mm	146 x 104 mm	146 x 104 mm	146 x 104 mm



Embedded Boards

	SBC84825	SBC84823	PICO822	MANO825	SHB212
Form Factor	3.5" Capa	3.5" Capa	Pico-ITX	Mini ITX	PICMG 1.3
CPU	Intel® Atom™ Z510P/Z530P	Intel® Atom™ Z510PT/Z520PT	Intel® Atom™ E6XX series	Intel® Atom™ D525	Intel® Atom™ N455/D425/D525
Front Side Bus	400/533 MHz	400/533 MHz	N/A	N/A	N/A
Chipset	Intel® US15WP	Intel® US15WPT	Intel® PCH EG20T	Intel® NM10	Intel® ICH8M
System Memory	DDR2-400/533 up to 2 GB	DDR2-400/533 up to 2 GB	DDR2-667/800 512 MB/1 GB	DDR3-800 up to 4 GB	DDR3-667/800 up to 4 GB
Onboard SSD	1 x CompactFlash™	1 x CompactFlash™	SATA NAND Flash (optional)	N/A	1 x CompactFlash™
Expansion Interface	1 x PCI Express Mini Card	1 x PCI Express Mini Card	1 x SDVO, 1 x PCIe x1, 1 x UART, 1 x SMBus	1 x PCI, 1 x PCI Express Mini Card	1 x PCIe x4 or 4 PCIe x1
I/O	1 x SATA-300, 6 x USB, 4 x COM	1 x SATA-300, 6 x USB, 4 x COM	1 x SATA-300, 5 x USB, 2 x COM	2 x SATA-300, 7 x USB, 6 x COM, 2 x PS/2 keyboard/mouse	2 x SATA-300, 6 x USB, 2 x COM
Display	1 x VGA, 1 x LVDS	1 x VGA, 1 x LVDS	1 x LVDS	1 x VGA, 1 x LVDS	1 x VGA, 1 x LVDS
Audio	HD Codec	HD Codec	HD Codec	HD Codec	HD Codec
Ethernet	1 x 10/100/1000Mbps	1 x 10/100/1000Mbps	1 x 10/100/100Mbps	2 x 10/100/1000Mbps	2 x 10/100/1000Mbps
Power Input	+12V only	8V-24V	+12V only	+12V only	+12V only
Operating Temperature	0°C - 60°C (32°F - 140°F)	-40°C - 85°C (-40°F - 185°F)	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)	0°C - 60°C (32°F - 140°F)
Dimensions	146 x 104 mm	146 x 104 mm	100 x 72 mm	170 x 170 mm	185 x 126 mm

PICO822

Intel® Atom™ E6XX Pico-ITX SBC with LVDS LCD, SATA, LAN and SSD

- Intel® Atom™ processor E6XX series
- Intel® PCH EG20T
- Onboard SATA NAND Flash (optional)
- ACPI S0, S3, S4, S5 supported
- CPU throttling supported
- Full hardware video encoder/decoder supported



tBOX311-820-FL

Fanless Embedded System for Vehicle PC

- Intel® Atom™ processors Z510PT/Z520PT up to 1.33 GHz
- One isolated RS-232/422/485 and one isolated CAN bus
- Swappable storage bay
- Certified with e13 and ISO 7637 power standard
- Extended temperature (-40°C to +70°C)
- 80W intelligent vehicle power supply
- 3 internal PCI Express Mini Card slots

New Generation Intel® Core™ Processor-based Platforms

The new Intel® Core™ i7/i5/i3 processors are the first to feature a main processor, integrated graphics, and a memory controller on a single CPU package, thus enabling higher performance, graphics and energy efficiency on a small footprint. With the Intel® Core™ i7/i5/i3 processors, Axiomtek's embedded platforms are able to deliver greater energy efficiency and performance capability without compromises. Additionally, the feature-rich Intel® Core™ i7/i5/i3 processors offer amazing new system design flexibility and enable to minimize system development costs.



Extra Performance

Intel® Core™ i7/i5 processors feature exclusive Intel® Turbo Boost technology for adaptive performance for smarter computing.

Multi-tasking

Intel® Hyper-Threading technology, available in Intel® Core™ i7/i5/i3 processors enables smart multi-tasking, providing amazing response.

Enhanced Graphics

The integrated Intel® HD Graphics core meets today's graphics needs, saving on expense for thermal design effort of an add-on graphics card.

Focused Applications

Axiomtek's Intel® Core™ i7/i5/i3-based embedded platforms achieve extreme performance, excellent graphics and small form factor design to meet the needs of NVR, DVR, automation, surveillance, gaming, video server, print imaging, digital signage, and visual inspection.



Axiomtek Embedded Platforms Featuring Intel® Cutting Edge Solutions



Let Axiomtek and Intel lead you to a new vision of embedded innovation

As an associate member of Intel® Embedded Alliance, Axiomtek receives ample awareness of market trends and can rapidly develop advanced applications based on the latest Intel® platforms with proven high performance, reliability, longevity and excellent design quality to help our customers decrease time-to-market. Axiomtek also specializes in OEM and ODM projects. We have experience, capability, and R&D resources to make any OEM and ODM integration a great success!

In 2011, Axiomtek presented a series of state-of-the-art embedded computing platforms using the newest Intel® solutions to ensure that our customers' solutions are always ranked at the top amongst their competitors.

Intel® Atom™ Processor-based Platforms

The biggest demand in the embedded market is to provide products that combines efficiency with excellent performance for applications where small size, thermal efficiency, power consumption, and low cost matter. By knowing the trends of the future, Axiomtek has introduced a full line of Atom™-based products ranged from SBCs, motherboards, embedded systems, digital signage to various-sized touch panel computers. Customers could choose products from our list or create tailor-designed models to meet specific requirements.



Small Footprint

Intel® Atom™ processors, the smallest processors to date allow for some of the smallest and slimmest computers you've ever seen. Small footprint also brings more flexibility and possibility on ID design.

Ultra Low Power

Low power consumption, less thermal issues and fanless operation enable Atom™-based products to be the perfect solution for hand-held devices and energy-saving applications.

Cost-effective

It's hard to beat the performance you get from Intel® Atom™ processors for the price you pay. For applications with tight budget, Intel® Atom-based products provides the most attractive costs.



Focused Applications

Axiomtek's Intel® Atom™-based platforms satisfy customer's demands in fanless, low-power, space-saving and possibilities of thinner and lighter products. Features describe above make our Atom™-based platforms an ideal solution of ultra portable devices, medical, car PCs, gaming, digital signage, and In-flight entertainment systems.

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

Калининград (4012)72-03-81
Калуга (4842)92-23-67
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