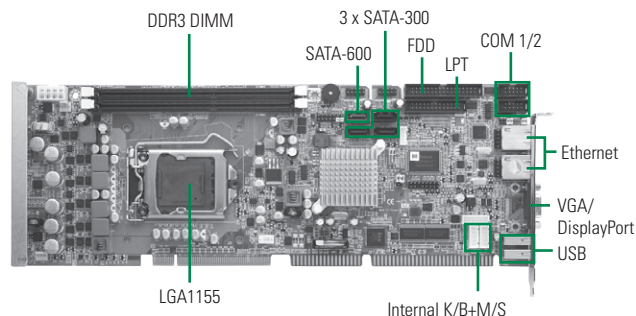


SBC81210

LGA1155 Intel® Core™ i7/i5/i3 Processor
PICMG 1.0 Full-size CPU Card with Intel®
B65/Q67, VGA and Dual LANs



System

CPU	LGA1155 socket for Intel® Core™ i7/i5/i3 processor
System Memory	2 x 240-pin DDR3-1066/1333 DIMM max. up to 8 GB
Chipset	Intel® B65 (Intel® Q67 as option)
BIOS	AMI UEFI BIOS
SSD	N/A
Watchdog Timer	225 levels, 1–255 sec.
Expansion Interface	4 x 32 bit PCI bus masters No ISA bus supported
Battery Lithium	3v/220 mAh
Power Requirements	Intel® i5-2500 @ 3.1 GHz, 4 G DDR3 +5V_SBY @ 41mA, +3.3V @ 26mA +5V @ 3.705A, +12V @ 698mA, -12V @ 26mA
Size	338 x 122 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232 (COM 1) 1 x RS-232/422/425 (COM 2)
SATA	1 x SATA-600 & 3 x SATA-300, optional RAID Q/1/10/5 (only for Intel® Q67)
Hardware Monitoring	Detect CPU/System temperature, voltage and fan speed
Ethernet	1 ports as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82579LM 2 ports as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82583V
Audio	HD Codec audio as MIC-in/Line-in/Line-out/speaker-out with Audio kit AX93242 (optional)
USB	6 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control

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
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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

Features

- LGA1155 socket for Intel® Core™ i7/i5/i3 processor
- Intel® B65 chipset (Intel® Q67 as option)
- 2 DDR3-1066/1333 DIMM support up to 8 GB memory capacity
- DisplayPort supported (optional)
- Supports Intel® HD Graphics

Packing List

Standard

Quick installation guide, user's manual/utility CD, cable

Cable

Part Number	Description	Qty
59380502000E	COM+Print cable w/bracket	1
593826A0000E	SATA signal cable 500 mm	1
59381400000E	FDD cable	1

Ordering Information

Standard

SBC81210VGG-B65 (P/N: E381210100)	LGA1155 socket PICMG 1.0 full-size CPU card with Intel® B65, VGA, 2 GbE LAN and 6 USB
SBC81210PGG-B65 (P/N: E381210101)	LGA1155 socket PICMG 1.0 full-size CPU card with Intel® B65, DisplayPort, 2 GbE LAN and 6 USB

Optional

SBC81210VGG-Q67 (P/N: E381210102)	LGA1155 socket PICMG 1.0 full-size CPU card with Intel® Q67, VGA, 2 GbE LAN and 6 USB
5938A808010E	2 x USB cable with bracket, P=2.54 mm, L=190 mm
59380000290E	PS/2 keyboard & mouse cable with bracket
E393242100	AX93242 HD audio converter kit
593826A0000E	SATA signal cable 500 mm
593836A0030E	4 pin power cable to SATA x 2, L=150 mm
E9B900C000	LGA1156 cooler 4-pin H=61.4 mm
50761222000E	LGA1156 2U cooler 3-pin H=68.8 mm