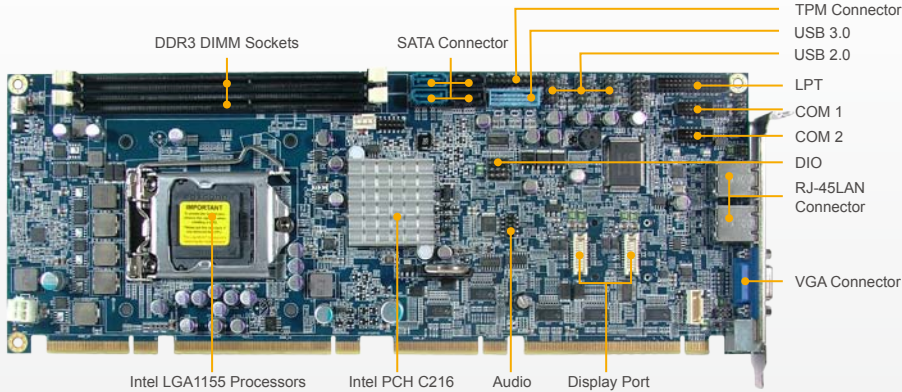


PSB-903LF



PICMG1.3 Full Size CPU Card supports Intel® E3-V2 and Core™ i3 CPU with Intel® 7series chipset, VGA, Audio, 2 LAN, 2 COM



Features

- Support Intel® E3 and 3rd Gen Core™ i3 Processor
- Equipped with Intel® C216 chipset
- Memory supports DDR3 1333/ 1600 DIMM up to 32GB
- Supports 2 x Gigabit Ethernet connection, PICMG 1.3 compliance
- Supports Trusted Platform Module
- Supports SATA RAID 0, 1, 5, 10

Specifications

System

CPU Support	Intel® E3 and 3 rd Gen Core™ i3 processors
CPU Frequency	3.2 ~ 3.5 GHz
Chipset	Intel® C216
DRAM	2 x 240-Pin DDR3 DIMM, support dual channel memory architecture and DDR3 1333/ 1600MHz up to 32GB, ECC and non ECC
BIOS	AMI
Watchdog	1~255 secs
Power Supply	Support ATX power
Power Consumption	+5V:2.46A, +12V:1.84A, +3.3V:0.59A, +5Vsb:0.23A, (CPU: Intel® Core™ i3 3220 3.3GHz)
Dimension	338.5mm x 126mm (13.33" x 4.96")
Certificate	FCC / CE

I/O Ports

SATA Interface	4 x SATA 2.0 (2 Port to backplane) 2 x SATA 3.0 Radio 0/1/5/10
Expansion BUS	Mini PCIe
TPM	Trusted Platform Module (Optional)
Serial Port	2 x COM port, COM 1 for RS232, COM 2 for RS232/422/485
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w/ KB) or Y-cable
LAN	LAN 1: Intel® 82579LM (GbE) LAN 2: Intel® 82583V (GbE) Support Wake-on-LAN with ATX power
Audio	HD Audio, Realtek ALC888S
USB	12 x USB 2.0/3.0 8 ports on board, 4 ports backplane

Display

Graphics	Build-in processor, share memory, Support: 1 x VGA 2 x display port
----------	---

*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

Environment

Operation Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	- 40° ~ 85° C (- 40° ~ 185° F)
Humidity	Operation humidity 20 ~ 90%, storage humidity 20 ~ 95%

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information.

Ordering Information

Order No	Description
BF-0903RA-00P	PICMG 1.3 full-size CPU Card with Intel® Workstation CPU + C216 Chipset/ VGA/ Audio/ 2COM/ 2LAN (GbE)

Packing List

Part No	Description
10-611-0020023	Jumper (2.0mm)
27-008-00001031	SATA cable
	Quick guide
	Driver CD

Ordering Accessories

Part No	Description
27-006-00004111	USB cable w/ bracket
27-003-00304111	Y cable
27-027-04206111	External PS/2 cable
27-023-12609011	Audio cable
27-024-03106011	COM port cable
27-025-33206011	COM port & printer port cable
81-003-18025142	CPU cooler with bracket for 65W CPU
21-008-11212001	CPU cooler with bracket for 95W CPU
27-047-00006112	DP to DVI Cable
27-023-12609011	Audio cable
27-006-00008112	USB 3.0 2 Port Cable w/ Bracket

Order No	Description
BR-4010RA-01P	TPM Module (2.54mm)
BR-8080RA-00P	DP/eDP to LVDS Daughter Board