

Features

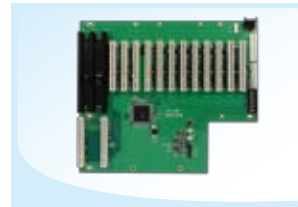
- Intel® Atom™ Processor N270, 1.6GHz
- 1x DDR2 DIMM, Max. 2GB
- Integrated graphics device, GMA 950
- Supports 24-bit LVDS and CRT
- 2x PCI-E GbE LAN
- 5x USB, 4 x COM, 2x SATA, 1x Mini PCI-E slot
- Watchdog timer, Digital I/O, PCI to ISA bridge

Specifications

CPU Socket	Intel® Atom™ Processor N270, 1.6GHz
System Memory	1x DDR2 DIMM, Max. 2GB (Non-ECC)
System Chipset	Intel® 945GSE+ICH7M, 533MHz FSB
BIOS	Phoenix
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slot	1x Mini PCI-E
VGA Controller	Intel® 945GSE GMCH integrated graphics device (GMA 950)
VGA Memory	Supports DVMT 3.0; Max. shared memory – 224MB
LCD Interface	Supports CRT and 24-bit dual channels LVDS interface, onboard Chronitel CH7308B for LVDS
LAN Controller	2x Intel® 82583V PCI-E GbE LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627UHG 1x KB/mouse, 3x RS232, 1x RS-232/422/485, 2x SATA, 1x LPT
USB	1 port on board Pin header for 4 ports (USB 2.0)
Audio	Built-in HD audio controller + Realtek ALC662 codec w/ 5.1 channels
Others	Digital I/O (4-in/4-out)
Dimensions	186mm x 129mm (7.32" x 5.08")
Max. Power Requirement	Intel® Atom™ N270 1.6GHz w/ 2GB DDR2-800 +5V: 4.31A +12V: 1.28A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB825F	Intel® Atom™ N270 onboard 945GSE Half-Size CPU Card w/ VGA, 24-bit LVDS, dual PCI-E GbE LAN
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IP470

PICMG 1.0 14-Slot Backplane

Ordering Information

IP470: PICMG 1.0 14-Slot Backplane w/ 12 PCI, 2 ISA lane slots

Features

- 4-layer PCB
- AT / ATX power connector, DC power outlet terminal
- 12 x PCI, 2 x ISA
- LED power indicators for +5V, -5V, +12V, -12V, 3.3V, +5VSB
- Size: 264.2mm x 311.2mm (10.4" x 12.3")



IP380L/IP380

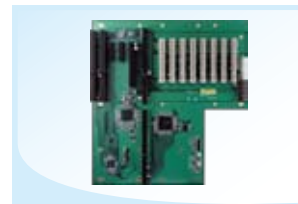
PICMG 1.3 8-Slot Backplane

Ordering Information

IP380L / IP380-R: PICMG 1.3 8-slot Backplane with PCI-E 16-lane slot x1 and PCI-E 1-lane slot x3, PCI x4

Features

- 4-layer PCB
- AT / ATX power connector
- PCI-E 16-lane slot x1, PCI-E 1-lane slot x3
- PICMG1.3 connector (A: PCI-E x16, B: PCI-E x8, C: PCI-E x16, D: PCI-E x8), PCI (32-bit) slot x4
- Size: 221mm x 328mm (8.7" x 12.9")



IP314

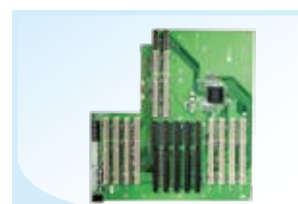
PICMG 1.3 14-Slot Backplane

Ordering Information

IP314: PICMG 1.3 14-slot Backplane with PCI-E 16-lane slot x1, PCI-E 4-lane slot x2, ISA x2, PCI x8

Features

- 4-layer PCB
- ATX power connector
- PCI-E 16-lane slot x1, PCI-E 4-lane slot x2, ISA x2, PCI x8
- PICMG 1.3 connector (A: PCI-E x16, B: PCI-E x8, C: PCI-E x16, D: PCI-E x8)
- Size: 310mm x 327mm (12.2" x 12.9")



IP180

4-Slot (64bit/33MHz) PCI or 2-Slot (64bit/66MHz) PCI or 4-Slot (64bit/100MHz) PCI-X Passive Backplane

Ordering Information

IP180-R: 4-Slot or 2-Slot PCI-X Passive Backplane

Features

- 4-layer PCB
- AT / ATX power connector
- LED power indicators for +5V, -5V, +12V, -12V, 3.3V
- Size: 352mm x 316mm (13.9" x 12.4")

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- 3 Disk-Size SBCs
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- 6 CPU Cards
- 7 Embedded Systems
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