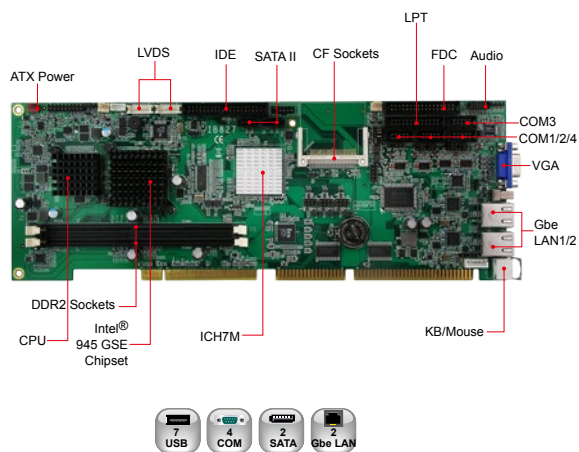


IB827

Intel® Atom™ N270 Full Size CPU Card
Intel® 945GSE Chipset

Backplane



Features

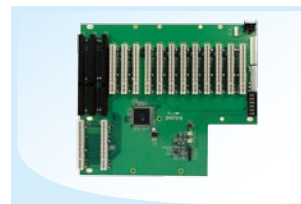
- Intel® Atom™ Processor N270, 1.6GHz
- 2x DDR2 DIMM, Max. 2GB
- 2x PCI-E Gigabit LAN
- Integrated graphics device, GMA 950
- Supports 24-bit LVDS and CRT
- 2x SATA, 4x COM, 7x USB 2.0, Watchdog timer
- Digital I/O, ISA High Drive, optional Mini PCI-E socket

Specifications

CPU Socket	Intel® Atom™ N270 Processor, 1.6GHz
System Memory	2x DDR2 DIMM, Max. 2GB
System Chipset	Intel® 945GSE+ICH7M, 533MHz FSB
BIOS	Phoenix
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	Optional Mini PCI-E socket (solder side) for wireless LAN modules, etc.
VGA Controller	Intel® 945GSE GMCH integrated graphics device (GMA950)
VGA Memory	Supports DVM 3.0; Max. shared memory - 224MB
LCD Interface	Supports CRT and 24-bit dual channels LVDS interface, onboard Chrontel CH7308B for LVDS
LAN Controller	2x Realtek 8111C PCI Express Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627EHG 1x IDE, 2x SATA, 1x LPT, 1x KB, 1x mouse, 1x FDD, 1x IrDA, 3x RS-232, 1x RS-232/422/485
USB	7 ports on board (USB 2.0)
Audio	Built-in HD audio + HD codec
Others	Digital I/O (4-in/4-out)
Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	Intel® Atom™ Processor N270 1.6GHz w/ 2x 1GB DDR2-667 +5V: 3.92A +12V: 0.44A
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

IB827	Intel® Atom™ N270 onboard 945GSE full-size CPU card w/ VGA, LVDS and dual Gigabit LAN, 4x COM, Mini PCI-E socket
IB827E (By request w/ MOQ)	Intel® Atom™ N270 onboard 945GSE, full-size CPU card w/VGA, LVDS and single Gigabit LAN, 2x COM
IP470	PICMG 1.0 Backplane w/ 12x PCI, 2x ISA



IP470

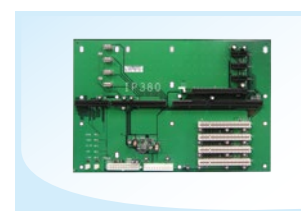
PICMG® 1.0 14-Slot Backplane

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
- 12x PCI, 2x 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

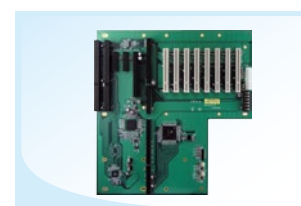
PICMG® 1.3 8-Slot Backplane

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
- 1x PCI-E 16-lane slot, 3x PCI-E 1-lane slot
- PICMG® 1.3 connector (A: PCI-E x16, B: PCI-E x8, C: PCI-E x16, D: PCI-E x8),
4x PCI (32-bit) slot
- Size: 221mm x 328mm (8.7" x 12.9")



IP314

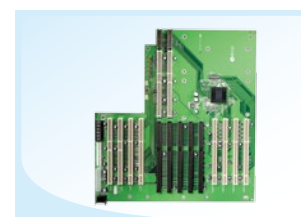
PICMG® 1.3 14-Slot Backplane

Ordering Information

IP314: PICMG® 1.3 14-slot Backplane
with 1x PCI-E 16-lane slot, 2x PCI-E
4-lane slot, 2x ISA, 8x PCI

Features

- 4-layer PCB
- ATX power connector
- 1x PCI-E 16-lane slot, 2x PCI-E 4-lane slot, 2x ISA, 8x PCI
- 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")

Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw.