



# FSC-1814V2NA

PICMG1.0 LGA775 Core™ 2 Duo CPU Card with VGA/2GbE/Audio



### Features

- PICMG1.0 specification compliant
- Supports Intel® Core™ Duo/ Core™ 2 Duo , FSB 800MHz
- Supports 2 x 240-pin DIMM, up to 4GB DDR2 533/667 memory
- Onboard 2 x 10/100M/1000Mbps Ethernet controller
- Supports 4 x USB2.0, 4 x SATA, 1 x IDE, 1 x FDD, 1 x VGA, 2 x COM, 1 x LPT

### Specifications

#### System

Processor	Supports Intel® Core™ Duo/ Core™ 2 Duo processor in LGA775, with 800MHz FSB, such as E5300
Chipset	Intel® 945GC+ICH7/ICH7R
Memory	Supports 2 x 240-pin DIMM, up to 4GB DDR2 533/667
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PICMG1.0 PCI/ISA Bus

#### Storage

IDE	1 x Ultra ATA 33/66/100 interface
Serial ATA	4 x Serial ATA 300MB/s interface, optional RAID
Floppy	1 x FDD
CF	N/A
DOC/DOM	N/A

#### I/O Interface

USB	4 x USB2.0 Port, header available onboard
Serial Port	2 x RS-232, header available onboard
Parallel Port	1 x LPT
IrDA	N/A
GPIO	4 x Input and 4 x Output
Audio	Supporting Intel® HDA, available interfaces of Speaker-out, Line-in and Mic-in
Keyboard/Mouse	1 x PS/2

#### Display

Chipset	Integrated Intel®GMA950
Memory	256MB shared memory
Resolution	VGA mode up to 2048 x 1536 @75Hz
Dual Display	N/A

#### Ethernet

Chipset	2 x RTL8111C
Speed	10/100M/1000Mbps
Connector	2 x RJ45

#### Mechanical and Environmental

Dimensions	338mm x 122mm
Operating Temperature	0°C~60°C
Storage Temperature	-25°C~75°C
Operating Humidity	5%-90%, non-condensing

#### Power

Power Supply	Supports ATX power supply
Power Consumption	Typical 58.8W (Intel® Pentium D 915 2.80GHz, 2G DDR2 667 memory)

#### Operating System

Windows OS	Windows 2000/Windows XP/Linux 2.6
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#### Packing List

- 1 x Driver CD
- 1 x P4 Power supply cable/RoHS (P/N:2360-000431)
- 1 x Y-cable for KB/MS/RoHS (P/N:2360-005031)
- 1 x HDD flat cable/RoHS (P/N:2360-008331)
- 1 x FDD flat cable/RoHS (P/N:2360-009451)
- 1 x Audio cable with bracket/RoHS (P/N:2360-011141)
- 1 x Parallel port cable/RoHS (P/N:2360-011221)
- 2 x Dual USB ports with bracket/RoHS (P/N:2360-014781)
- 1 x COM cable/RoHS (P/N:2360-021721)
- 1 x SATA HDD cable/RoHS (P/N:2360-017961)

### Ordering Information

Part Number	Model Number	Description
0030-002041	FSC-1814VNA	PICMG1.0 standard full-size CPU card with Intel®945GC chipset/LGA 775 CPU Socket/2 x DDR2 DIMM slot/1 x VGA/1 x IDE, 4 x SATA/1 x FDD/1 x 1000M network port/4 x USB/2 x RS232/1 x LPT/1 x PS/2/HDA audio card/RoHS
0030-001991	FSC-1814V2NA	PICMG1.0 standard full-size CPU card/Intel®945GC chipset/LGA775 CPU Socket/2 x DDR2 DIMM slot/1 x VGA/1 x IDE+4 x SATA(Raid)/ 1 x FDD/2 x 1000M network port/4 x USB/2 x RS232/1 x LPT/1 x PS/2/HDA audio card
0030-000501	FSC-1814V2NAR	PICMG1.0 standard full-size CPU card/Intel®945GC chipset/LGA775 CPU Socket/2 x DDR2 DIMM slot/1 x VGA/1 x IDE+4 x SATA(Raid)/ 1 x FDD/2 x 1000M network port/4 x USB/2 x RS232/1 x LPT/1 x PS/2/HDA audio card /RoHS

- 1 PICMG
- 2 SBC & SoM
- 3 CompactPCI
- 4 Network
- 5 BoxPC & Special IPC
- 6 HMI & TabletPC
- 7 Rugged Series