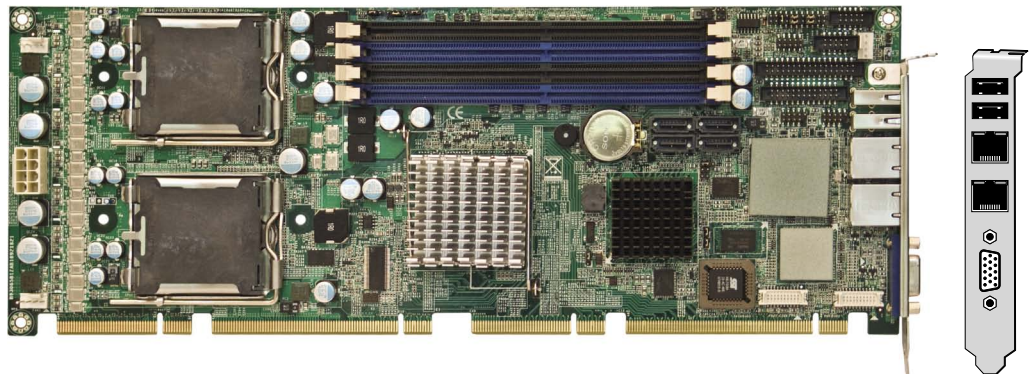




SBC PCI Express for Dual Intel® Dual/Quad Core™ Xeon®



TECHNICAL SPECIFICATIONS

SBC

CPU

- Dual Intel® Dual/Quad Core™ Xeon®
- 1066/1333 MHz Front Side Bus, Socket 771

RAM

- 4 DIMM cockets for 512 - 8192 MB modules
- DDR2 667/533, up to 32 GB, ECC registered, dual assembly

Chipset

- Intel® 5100 and ICH9R chipset

BIOS

- AMI System BIOS in Flash-ROM with VGA BIOS

Clock/Calendar

- Realtime clock and calendar with battery backup

Bus Interface

- PICMG 1.3, 4 x PCI, 1 x PCI Express x4, 2 x PCI Express x8 (or 1 x PCI Express x16)

VGA

- XGI Z11 with 32 MB DDR2 memory
- opt. second VGA and DVI connector

LAN Controller

- Dual Intel® 82575 GigaBit Ethernet, PCIe
- 10/100/1000 Base-T/TX support
- full duplex, 2 x RJ45 port

Serial ATA Interface

- for 4 SATA II 300 drives

FDD Controller

- up to 2 drives for 360 KB up to 2.88 MB

Serial ports

- two serial ports (RS232, 16C550 FIFO compatible)
- COM2 selectable as RS-232, RS-422, RS-485

USB-Port (6x)

- USB 2.0

Parallel ports

- one Centronics compatible parallel port
- SPP, ECP/EPP bidirectional

Watch-Dog Timer

- 0.5 to 254.5-second or minutes timeout interval
- NMI or RESET, can be switched off

Keyboard / Mouse connector

- via USB (opt. via PS/2)

System control

- Voltage control
- Cooler turn around
- Temperature sensor

Standards

- PICMG 1.3 (PCI Express), SHB Express, PCI 2.0

Power management

- Software controlled by BIOS

Dimensions

- Card full-length, 338 x 122 mm

Operating system

- Windows XP (ex SP1) / Vista / 2003 and 2008 Server (32 bit operating systems are limited to 3 GB RAM, 64 bit operating systems use 32 GB RAM)

Temperature range

- Storage: -20° ~ 80°C
 - Operating: 0° ~ 60°C (cooler fan required for CPU)
 - Relative humidity: 5% ~ 90% non-condensing
- 2 years Warranty, CE compliant

ORDER NUMBER

96M4531o

- SBC (without processor)

DSM[®]
Computer