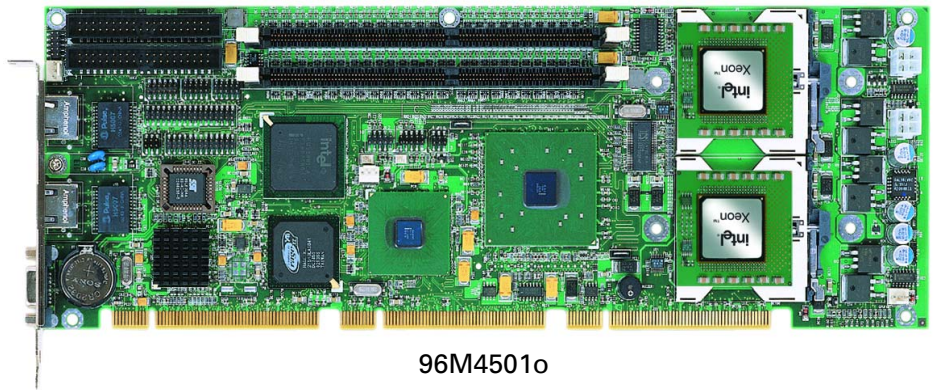


SBC ePIC-X with VGA, Dual Gigabit LAN for Intel Dual Xeon



96M4501o

Technical Specifications

CPU

- Intel Dual Xeon up to 3.2 GHz, Socket 603/604

Memory

- 2 DIMM sockets for 256 - 2048 MB DDR modules
- maximum memory 4 GB, ECC Registered

Chipset

- Intel E7501, ICH3-2 Chipset, Intel 82546EB,
- 400/533 MHz system bus

BIOS

- Award System BIOS in Flash ROM

Clock/Calendar

- Realtime clock and calendar with battery backup

Bus Support

- PICMG 1.2 (ePCI-X),
- internal PCI for IDE, VGA, PCI-X for VGA

VGA

- ATI RageXL PCI VGA with 8 MB
- max. resolution 1600x1200, 85 Hz

LAN Controller

- Dual Intel Intel 82546EB PCI-X Gigabit ethernet controller,
- 10/100/1000 Mbit, full duplex, 2 x RJ45 port

IDE Controller

- Supports 4 enhanced IDE drives,
- PIO Mode 4, Ultra DMA/33/66/100

FDD Controller

- Supports 2 drives for
360 KB / 720 KB / 1.44 MB / 1.2 MB / 2.88 MB

Serial Port

- Two serial ports (RS232, 16C550 FIFO compatible)

Parallel Port

- One Centronics compatible parallel port (SPP, ECP/EPP bidirectional)

Watch-Dog Timer

- 0.5 sec. to 254.5 min. timeout interval

USB Port (4x)

IrDA Port

Keyboard / Mouse Connector

- 6-pin internal connector for keyboard and mouse per Y-Cabel

System control

- Voltage control
- cooler turn around
- temperature sensor

Standards

- Dual PICMG 1.2 (ePCI-X)

Power Management

- Software controlled by BIOS

Dimensions

- Card full-length, 338 x 122 mm

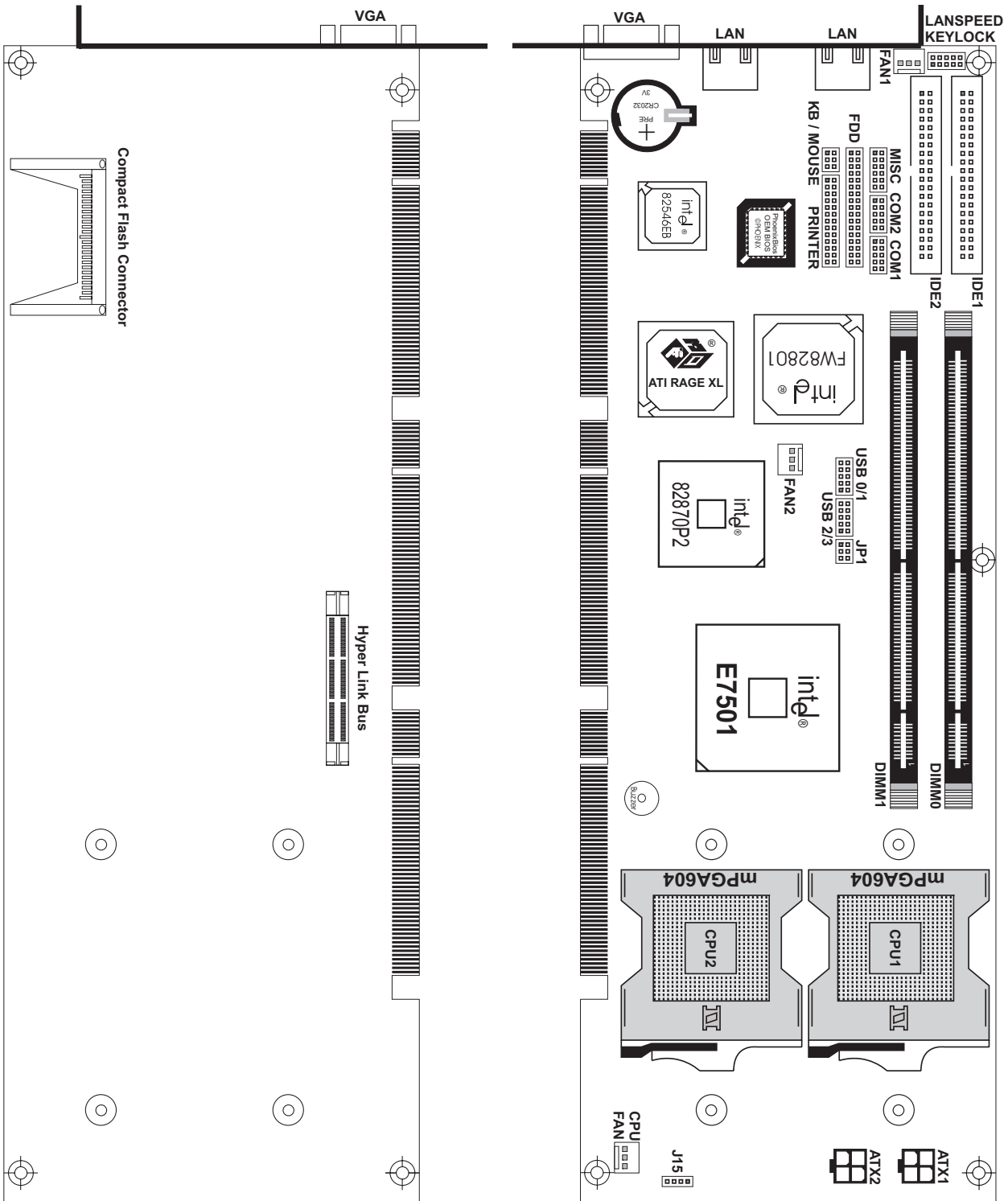
Environment

- Storage Temperatures: -20° ~ 80°C
- Operating Temperatures: 0° ~ 55°C
(cooler fan required for CPU)
- Relative Humidity: 10% ~ 90%, non-condensing

- 96M4501o SBC ePIC-X**
 - Triggering for max. 2 PCI-X busses

- 96M4511o SBC ePIC-X**
 - Hublink Interface onBoard
 - Triggering for max. 6 PCI-X busses via optional available Hublink card (96M4511-HUB)

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Layout for 96M45110