



(Actual Product shown 4U/AEP)



Rear view

Single/Dual Pentium III 1.26GHz Motherboard, 40GB IDE HDD or 18GB SCSI HDD, 6 Full Length PCI Slots

Maximize return on investment (ROI) with application ready platform (ARP) configurations from Ibus. Ibus is proud to introduce the 4U/AMP, a Server-class, single or dual Pentium-III based ARP, tested with Windows NT4, Windows 2000 and Red Hat Linux. Designed, integrated and priced to meet the needs of OEMs, VARs and Systems Integrators. Choose from a range of pre-qualified factory-fit, configuration options, to enhance the turnkey basic system. The 4U/AMP allows OEMs, VARs and Systems Integrators to provide 4U rack mount or desktop platforms for enterprise class (scalable) server applications.

Ideal as a platform for applications aimed at server/workgroup enterprise environments

4U/AMP Features and Benefits :

- Delivered as turnkey, application ready platform, with all hardware and software integrated
- 4U rack mount or desktop IBUS designed and manufactured enclosure with 400W ATX PSU
- Intel® SAI2 Server Motherboard supports up to two Pentium III processors (512K L2 Cache)
- Integrated Intel 10/100baseT Ethernet and 8Mb ATI AGP graphics as standard
- Dual pier PCI buses support 6 PCI expansion slots, two 64bit/66MHz, four 32bit/33MHz
- Choose to have Windows 2000, Windows NT 4 or Red Hat Linux installed and tested
- IDE or SCSI disk, Networking, and Modem options available as configuration option
- IDE CD-ROM and 1.44Mb Floppy as standard with options like SCSI DAT drives already tested
- SCSI RAID controllers can be added to basic system
- Revision control and guaranteed upgrade path from IBUS on all components = maximum ROI

**Integrated to order in ISO9001 accredited facilities worldwide.
Rack cabinet, UPS and Product/Packaging branding options available.**

The range of application ready platforms from IBUS are flexible building block systems designed to meet the present and future needs of the converging technologies marketplace. It is a range of scalable, reliable, open standards-based solutions, designed to leverage OEM, VAR and Systems Integrators' own added value, with unparalleled speed and efficiency, maximizing ROI while minimizing time to market.

4U/AMP is a highly scalable platform ideal for Windows or Linux based applications. The Ibus designed and manufactured enclosure houses a revision controlled, ServerWorks chipset motherboard, for Pentium 3 processors. An integrated 10/100baseT Ethernet NIC, 8Mb AGP Graphics, 40GB IDE drive, EIDE CD-ROM and 1.44Mb Floppy make this platform easy to install, upgrade and maintain.

Specifications

Chassis

4U Height

- 4U 7"/178mm x 17"/432mm x 19"/482mm (HWD)

Front Accessible devices (behind lockable door)

- 2x 5.25" half-height (i.e. CD-ROM) devices
- 2x 3.5" half-height devices

Front LED and Switch Panel

- Red LED - Power On/Off
- Green LED - HDD Activity
- Power, ATX soft-switch and reset switches are located behind lockable drive bay door

Front accessible fan filter

- Located behind front-accessible door for easy maintenance (latch located behind drive bay door)

Internal Hardware

- Dual Intel® Pentium® III Processor with 512-KB Cache Support
- Up to 4 GB of PC133 SDRAM
- Six available PCI slots (two 64-bit/66-MHz, four 32-bit/33-MHz)
- Dual integrated ATA/100 IDE controllers
- Integrated ATI* Rage* XL PCI graphics controller with 8 MB of memory
- One integrated Intel® PRO/100+ Server Ethernet Controller (Intel® 82559 Controller)
- 400W ATX AC-input auto-ranging power supply, industry standard, fixed PS2 form factor unit
- Full width card hold-down bar with adjustment accessories keeps cards seated during transit
- Aluminium base material construction means low overall system weight that saves on shipping costs
- Two, separately wired, PAPST ball bearing cooling fans with dedicated card bay cooling
- Guaranteed upgrade path on all components from I-Bus/Phoenix

19" Rack Mounting

- Supplied with easy to install Accuride slide rail kits (optional)

Power Supply

400W AC-Input ATX power supply, PS2 form factor

- Auto range 90-264VAC
- +5V @ 42A, -5V @1.0A, +12V @14.0A, -12V @1.0A, 3.3V @20.0A
- High MTBF, UL/CUL, CE, FCC and UL mark

Thermal Management

- 100,000hr MTBF CPU cooling fan and heatsink
- 2x 49.4 cfm PAPST chassis cooling fans
- Additional hot air exhaust from power supply
- Fans aligned to specifically eliminate 'hot-spots' from CPU and PCI boards

Operating Environment

- Enterprise environments, such as computer rooms, data centres, racks in office, studio, control centre or cable head-end environments, with low incidence of airborne particles and no moisture such as precipitation or other water sources.

Standards Compliance

- CE, FCC and UL/CUL - please call for more details

Warranty

- Two year return to factory warranty on system and parts

Ordering Information

IBUS 4U/AMP

Standard Configuration

- Black, 4U (7" high) Ibus designed and manufactured chassis with 400W ATX PSU, single 1.26GHz processor, total 256MB ECC Registered SDRAM, integrated Intel® 10/100baseT controller (82559), 8MB AGP graphics, 40GB 7200rpm IDE hard drive, 1.44MB FDD, EIDE CD-ROM all integrated with Intel® Server Division SAI2 motherboard. Up to 6 full length, full height PCI expansion slots available, 2x @ 64bit/66MHz, 4x @ 32bit/33MHz. Shipped with 75% extension Accuride slide rails (ball bearing), rack mounting hardware and supporting driver software and documentation, in a re-usable shipping crate.

Options

(Alternatives to standard configuration above unless otherwise stated)

SDRAM options

- Total 128Mb PC-133 Kingston SDRAM (1x 128Mb DIMM)
- Total 512Mb PC-133 Kingston SDRAM (2x 256Mb DIMM)
- Total 1024Mb PC-133 Kingston SDRAM (2x 512Mb DIMM)
- Total 1536Mb PC-133 Kingston SDRAM (3x 512Mb DIMM)
- Total 2048Mb PC-133 Kingston SDRAM (2x 1024Mb DIMM)
- Total 3072Mb PC-133 Kingston SDRAM (3x 1024Mb DIMM)
- Total 4096Mb PC-133 Kingston SDRAM (4x 1024Mb DIMM)

Operating System Options (installed)

- Windows 2000 Advanced Server
- Red Hat Linux 7.2 - installed with media
- Windows NT, Windows 2000 - call for more details

Network Connectivity Options

- Intel® single port 10/100baseT network card
- Intel® dual port 10/100baseT Server Ethernet adapter
- Intel® single port 1000baseT Server Gigabit adapter

SCSI Controller Options

- Adaptec 29160 single channel SCSI adapter
- Adaptec 39160 dual channel SCSI adapter
- Adaptec single channel Ultra 160 SCSI RAID card with 32Mb memory

- Adaptec dual channel Ultra 160 SCSI RAID card with 32Mb memory

Fixed Hard Disk Options

- Extra fixed 40Gb 7200rpm IDE hard disk
- 18Gb (fixed) Ultra 160 SCSI disk
- Extra 18Gb (fixed) Ultra 160 SCSI disk
- 36Gb (fixed) Ultra 160 SCSI
- Extra 36Gb (fixed) Ultra 160 SCSI disk
- SCSI drive options require selection of qualified SCSI/SCSI-RAID controller and cables

Hot-Swap SCSI Disk Options

- Hot-swap 18Gb Ultra 160 SCA SCSI disk in frame and carrier
- Extra hot-swappable 18Gb Ultra 160 SCA SCSI disk in frame and carrier
- Hot-swap 36Gb Ultra 160 SCA SCSI disk in frame and carrier
- Extra hot-swappable 36Gb Ultra 160 SCA SCSI disk in frame and carrier
- SCSI drive options require selection of qualified SCSI/SCSI-RAID controller and cables

Removable IDE Drive Options

- Single 40Gb 7200rpm IDE drive in removable Kingston frame and carrier, instead of single fixed 40Gb drive
- Additional, removable, 40Gb 7200rpm IDE drive in Kingston frame and carrier

Device Options

- No 1.44Mb Floppy as standard
- No EIDE CD-ROM as standard
- 12-24Gb SCSI DAT drive, installed and tested
- 1.44Mb Floppy Drive and IDE CD-ROM combo (fits in one 5.25" device bay)
- 1.44Mb Floppy Drive instead of IDE CD-ROM
- SCSI CD-RW instead of IDE CD-ROM as supplied standard

PCI Modem

- US Robotics 56K V90 Windows internal PCI modem, installed and tested

Mechanical Options

- No slide rail kit as standard
- 100% Accuride three-part slide rail kit and 19" rack mounting hardware, instead of 75% kit

Worldwide Headquarters

Ibus
8888 Balboa Avenue
San Diego, 92123 CA, USA
Email: info@ibus.com

European Headquarters

Ibus
Unit 6, Chichester Business Park
City Fields Way, Tangmere
West Sussex, PO20 2LB, UK
Tel: +44 (0) 1243 756300
Fax: +44 (0) 1243 756301
Local Rate: 0845 450 4500
Email: sales@ibus.co.uk

France

Ibus
B.P 45, 06901
Sophia Antipolis CEDEX, France
Tel: +33 (0) 493 004 360
Fax: +33 (0) 493 004 369
Email: info@ibus.fr

Sweden

Ibus
Drakegatan 10 BOX 184
401 23 Göteborg, Sweden
Tel: +46 (0)31-773 7117
Fax: +46 (0)31-773 7075
Email: pry@ibus.com