MANHATTAN™ S

[S E R I E S]

HIGH

PERFORMANCE

APPLICATION

SERVER.

AST
COMPUTER ®

MANHATTAN™ S

THE HIGH PERFORMANCE APPLICATION SERVER.

The AST Manhattan S Series is the ideal platform for both traditional file and print requirements as well as today's demanding application server environments. The Manhattan S Series servers are designed, tested and certified to optimize performance for Novell® NetWare® and IntranetWare™ as well as Microsoft® Windows NT® Server applications. In addition, they come equipped with Intel® LANDesk® Server Manager software, which provides you with the ability to monitor your server. There's no doubt the Manhattan S Series is the perfect solution for any mid-size to large network requiring superior performance.

- 200 MHz Intel® Pentium® Pro processor provides incredible power
- Expandability for future needs – dual processor capability (MPS 1.4 compliant)
- Optimized and certified for Novell NetWare, IntranetWare and Microsoft Windows NT Server
- PCI/EISA architecture – the highest performing I/O technology available today
- Automatic Server Recovery – provides unattended system recovery for maximum uptime
- Intel LANDesk Server Manager software provides comprehensive server monitoring
- Includes self-paced training by CBT systems to help you manage your network
- Double your data throughput with Ultra/Wide SCSI – today's fastest SCSI I/O technology
- Includes Intel® EtherExpress™ PRO/100B network adapter card for maximum network throughput
- Additional technical specifications and technology White Papers available on AST's Web site http://www.ast.com

intel inside
PENTIUM®PRO PROCESSOR

MANHATTAN S SERIES:

PROCESSOR:
- 200 MHz Intel Pentium Pro processor
- ZIF socket for dual CPU capability
- MPS 1.4 compliant

CACHE:
- 256 KB L2 write back per processor
- 512 KB L2 write back per processor (model 27003AU only)

MEMORY:
- 64 MB ECC RAM standard, expandable to 1 GB
- 8 DIMM sockets

CD-ROM DRIVE:
- 4X SCSI CD-ROM standard on all models

GRAPHICS:
- 512 KB of integrated video memory

SCSI DISK CONTROLLER:
- Adaptec PCI Ultra/Wide SCSI adapter (non-array models)
- AMI three channel PCI Ultra/Wide SCSI disk array controller with on-line expansion and conversion (array models)
- 4 MB ECC cache, expandable to 128 MB (array models)

EXPANSION SLOTS:
- 5 PCI, 2 EISA and 1 shared PCI/EISA

DISK DRIVES:
- 1.44 MB, 3.5" diskette drive
- Two 5.25" external drive bays
- Six 3.5" internal drive bays (Hot Swap on array models)

POWER SUPPLY:
- 445 watt

NETWORK INTERFACE CARD:
- Intel® EtherExpress™ PRO/100B adapter

SOFTWARE INCLUDED:
- Intel LANDesk Server Manager software
- Windows NT Server 4.0 (pre-installed on some models)
- CBT systems courseware

KEYBOARD/MOUSE:
- Full-function, height adjustable 104 key keyboard
- Two-button mouse

SECURITY:
- Password protection
- Chassis key lock

STANDARD I/O:
- Two 9-pin serial, one parallel port, PS/2 mouse port, keyboard port

DIAGNOSTICS:
- Thermal and voltage sensing on system
- Automatic Server Recovery
- Advanced Diagnostic Software
- ECC Memory Scrubbing

CERTIFICATION:
- Novell NetWare 4.1 & 3.12 and IntranetWare 4.11
- Microsoft Windows NT Server 3.51 & 4.0

MODELS:
- **4003U** - One 4 GB Ultra/Wide SCSI hard drive installed
- **4003NTU** - One 4 GB Ultra/Wide SCSI hard drive installed, Windows NT Server 4.0 pre-installed
- **9003U** - One 9 GB Ultra/Wide SCSI hard drive installed
- **9003NTU** - One 9 GB Ultra/Wide SCSI hard drive installed, Windows NT Server 4.0 pre-installed
- **12003AU** - Three 4 GB Ultra/Wide SCSI hard drives installed, PCI disk array controller
- **27003AU** - Three 9 GB Ultra/Wide SCSI hard drives installed, PCI disk array controller, 512 KB cache

WARRANTY:
- 3-year on-site limited warranty
- Optional GuardianCare℠ 4-hour on-site response program available

OPTIONS:
- CPU upgrade: 200 MHz Intel Pentium Pro processor with 256 KB or 512 KB cache
- AMI three channel PCI Ultra/Wide SCSI disk array controller
- ECC Memory: 64 MB, 128 MB and 256 MB DIMM kits
- Ultra/Wide SCSI Drives: 4 GB or 9 GB

INCLUDES
Intel LANDesk Technology™

cbt systems

AST COMPUTER®