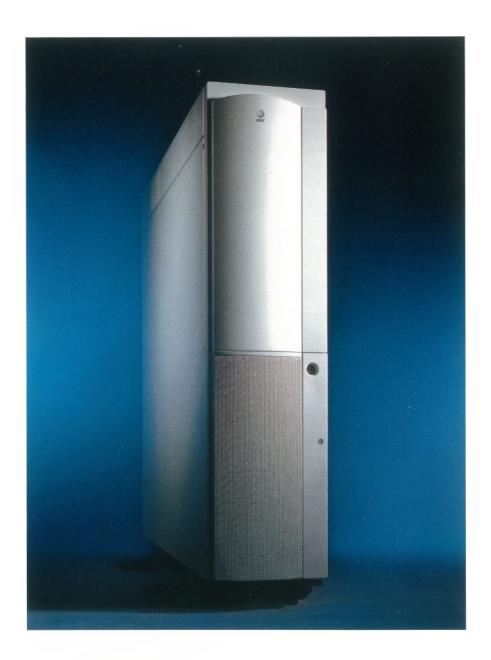# AT&T WorldMark™ 4150S Server

Recognizing that data availability and integrity impacts your business success, AT&T created the **WorldMark**™ 4150S server with features to ensure that your system remains up and running and that your data remains available and intact. And looking ahead to even faster processing of the future, AT&T designed the **WorldMark** 4150S server to support the next generation Intel® processor family with a simple in-box upgrade, providing easy migration to even greater performance and functionality.

AT&T equipped the **WorldMark** 4150S server with features to ensure access to strategic information, enabling maximum performance and a successful business. The **WorldMark** 4150S server delivers industry-leading high-availability storage features, including:

- Advanced disk array controller with increased on-board processor power, on-board data caching, and cost-effective striping
- Internal hot plug replaceable disk drives which, in combination with RAID, enable disk expansion or replacement while your system is up and running
- Internal UPS subsystem that allows the system to continue operations through temporary power interruptions
- Full power fail recovery providing a complete restoration of the system on the return of power after an outage
- Dedicated diagnostic subsystem for advanced system monitoring and reporting through an easy to use graphical interface

The **WorldMark** 4150S server supports the industry's most robust open enterprise operating environments: AT&T UNIX SVR4 MP-RAS and Microsoft® Windows NT™ Server. These operating environments provide features such as fault management and online serviceability, systems management security, and a vast array of application solutions.

The AT&T WorldMark™ 4150S Server. Ensured availability and integrity of your business critical information.

GET IT move USE IT

Bringing computing and communications together to help you get, move, and use information.

AT&T WorldMark™ 4150S Server

System Scalability

CPUs
- 2 to 8 90 MHz or 133 MHz Intel® Pentium® processors, each with 2 MB second level cache
- Support for the next generation Intel processor family

System bus
- 400 MB/second total bandwidth

Memory
- One or two Disconnect Memory Boards
- 64 MB to 2 GB Error Checking and Correcting memory with 2/4-way interleaving

I/O
- Enhanced Micro Channel® · Dual I/O bus at 80 MB/second
- 7 I/O slots; 32-bit bus width per slot
- Quad SCSI Fast and Wide channels at 20 MB/second

Internal Disk Storage
- Nine Drive Bays
  - Four 5.25-inch half-height removable media drive/disk drive bays
  - Five Hot Plug RAID disk drive bays
- Supports 2 GB or 4 GB 7200 RPM Fast/Wide SCSI-2 Drives
- 2 GB to 36 GB total internal disk storage

Backup Devices
- Two flex drive bays; One 3.5-inch flex drive standard
- Support for:
  - 600 MB CD-ROM
  - 4/8 GB DDS-2 DAT Tape
  - 1 GB QIC Tape
  - 7/14 GB 8 mm Tape
  - 10/20 GB Digital Linear Tape

External Data Storage
- AT&T 6091 Tape Subsystem
  - Digital Linear Tape (DLT)
  - 8 mm Tape
- AT&T 6298 Disk Subsystem
- AT&T 6299 Disk Subsystem
- AT&T 6256 Disk Subsystem
- AT&T 6357 Tape Drive
- Exabyte® 210 and 440/480 (available from AT&T)

Connectivity
- Up to 6 LAN and 18 WAN connections
- Optional Multi-Protocol Connectivity Manager (MPCM) Communications Subsystem

High Availability Features
- Hot pluggable internal 10 GB or 20 GB disk array with the Symbios Series 3 RAID controller
- Internal uninterruptible power (via battery back-up)
- Power fail recovery
- Diagnostic subsystem
- Optional AT&T LifeKeeper FRS and LifeKeeper FRS Clusters

Model Upgrades
The **WorldMark** 4100S server is upgradable to the **WorldMark** 4150S server. The **WorldMark** 4150S server's components and peripherals are compatible with AT&T 3455-XP and AT&T 3475-XP systems.

Specifications
- Physical dimensions
  Height: **81 cm** (32 in)
  Width: **19 cm** (7.5 in)
  Depth: **83 cm** (32.5 in)
  Weight: **68 kg** (150 lbs)
- Operating temperature
  5° C to 45° C
  (40° F to 113° F)
- 720 Watt power supply
- Power Requirements
  Voltage Range: 180 to 257 VAC
- Compliance with U.S. and international safety and emissions standards.

Supported Operating Systems
- AT&T UNIX SVR4 MP-RAS
- Microsoft® Windows NT™ Server

Supported Databases include:
- For AT&T UNIX SVR4 MP-RAS:
  - Borland InterBase
  - CA-OpenIngres®
  - INFORMIX OnLine Dynamic Server™ PDQ for SMP
  - Oracle®
  - Progress®
  - Software AG
  - SYBASE SQL Server™
- For Microsoft Windows NT Server:
  - Microsoft SQL Server™

AT&T Global Information Solutions

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