AT&T WorldMark™ 4100S Server
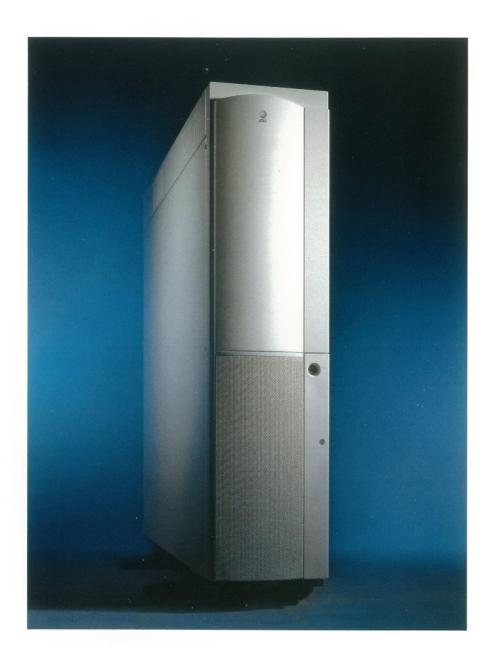
AT&T created the **WorldMark**™ 4100S departmental application server to deliver superior performance, scalability and high availability in a deskside package. And, recognizing the rapidly changing pace of computing technology, AT&T designed the **WorldMark** 4100S server with the future built in. The **WorldMark** 4100S server is equipped 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's superior symmetrical multiprocessing (SMP) architecture ensures top performance of up to eight Intel® Pentium® processors, each with a private 2 MB second-level cache optimized for system responsiveness.
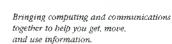
The **WorldMark** 4100S server supports up to 2 GB of Error Checking and Correcting (ECC) memory with advanced dual-ported, four-way memory interleaving. In addition, a high capacity and scalable I/O subsystem supporting high speed disks and peripherals further assures maximum performance for even the most demanding applications.

Advanced integration on the **WorldMark** 4100S server's baseboard provides maximum scalability for rapidly growing network requirements and advanced applications. With internal disk storage capacity of 36 GB and seven I/O slots for LAN and WAN connections, the AT&T **WorldMark** 4100S server provides maximum investment protection for your processing requirements today and in the future.

The AT&T **WorldMark** 4100S 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**™ 4100S Server.
Superior performance, high availability, and scalability to the next generation Intel processor family.

GET IT
move
USE IT

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

AT&T WorldMark™ 4100S 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 fixed disk drive bays (Optional
    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
- Optional hot pluggable 10 GB or 20 GB
  internal disk array with the Symbios
  Series 3 RAID controller
- Optional 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** 4100C
server and **WorldMark** 4150S server. The
WorldMark 4100S 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™

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