

JUN - 6 1994

Wyse Series 7000i Model 760MP

Scalable Server and Multiuser Platform

The Series 7000i Model 760MP brings True Symmetric Multiprocessing (TSMP) technology to new levels of price/performance in an ergonomically attractive package. This extraordinary Intel-based platform can accommodate the most demanding "shrink-wrapped" software applications of today's advanced 32-bit multiprocessing operating systems such as UNIX and Windows NT.™ The linear scalability of the system architecture means the full performance benefit of each additional CPU is realized. Industry-standard SCSI-2 peripherals and EISA I/O slots provide the high-performance, expandability, and compatibility necessary in both multi-user and networked database server environments. In a multiuser scenario, over 250 active users can power through multiple tasks.

The versatile 64-bit Wyse Wyde Bus™ architecture provides the upgrade path to True Symmetric Multiprocessing while maintaining all chassis, peripheral and memory investments. Up to five Intel486™ DX2™-66 TSMP CPU boards can be used in the Model 760MP. Through optimized load balancing and distributed interrupts, CPU boards can be mixed with any combi-

nation of i486DX™-33 or i486DX2-66 technology.

System RAM expands generously from 16MB to 512MB using industry standard 36-bit SIMMs. The EISA bus provides 33MB/second burst capability, bus mastering and compatibility with XT, AT, and new 32-bit EISA boards. A wide variety of industry-standard SCSI-2 peripherals are accommodated.

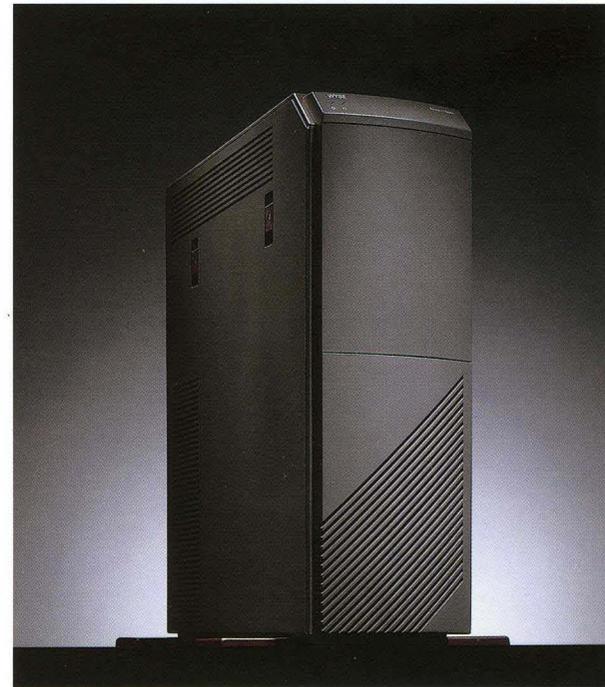
The Wyse implementation of USL UNIX System V Release 4.0 for multiprocessing provides application compatibility with a wealth of commercial UNIX software. Microsoft Windows NT support ensures easy multithreaded applications development and deployment on a platform design-optimized for the SMP features of Windows NT.

The Series 7000i Model 760MP is made of snap-together injection-molded parts, and is internally accessible without tools. The system is designed to minimize service downtime and comes standard with advanced remote modem-based diagnostics.

This Wyse scalable server is an exceptional value that will preserve software and hardware investments well into the future.

Key Features

- *TSMP architecture for linear scalability to over 200 MIPS with over 250 active users*
- *One to five Intel486DX2-66 CPUs with 256KB direct-mapped copy-back cache*
- *Fully distributed interrupts for optimized load balancing*
- *64-bit asynchronous Wyse Wyde Bus™ access to system RAM*
- *16MB to 512MB Error Detection Correction RAM*
- *Modem-based ROM-resident diagnostic monitor allows fault isolation down to the Field Replaceable Unit (FRU) which minimizes servicing downtime*
- *UNIX SVR4 or Microsoft Windows NT™*
- *Series 7000i HAL (Hardware Abstraction Layer) shipped standard with Microsoft Windows NT*



WYSE
I I I

Wyse Series 7000i Model 760MP

PROCESSOR

- Up to five 32-bit Intel486DX2-66 CPUs
- 8KB write-through internal caches
- Internal Intel 80387™-FPU

RAM CACHE

- 256KB direct-mapped copy-back external cache; zero wait state

MEMORY

- 16MB to 512MB 80ns fast page mode EDC RAM
- Expandable in four SIMM increments using 2MB, 4MB, 8MB, 16MB or 32MB 36-bit SIMM modules

EXPANSION SLOTS

- Nine 32-bit EISA slots; 6 bus master slots, 3 non-bus-master slots
- Six 64-bit Wyse Wyde Bus slots; three Wyse Wyde Bus slots overlap with three EISA slots

STANDARD MASS STORAGE

- 1.44MB 3.5-inch half-height floppy diskette drive
- 320/525MB 1/4-inch half-height SCSI cartridge tape drive (UNIX models)
- 600MB SCSI-2 CD ROM drive (Windows NT models)
- 6 half-height peripheral bays; 4 externally accessible, 2 internal

MASS STORAGE OPTIONS

- 500MB (formatted) 3.5-inch, 1-inch height SCSI-2 hard disk
- 1GB (formatted) 3.5-inch, 1.6-inch height SCSI-2 hard disk
- Hard disk seek times: 10ms; 6300 RPM

I/O INTERFACES

- EISA 32-bit I/O Bus

- SCSI-2 internal; 10MB/second synchronous transfer rate
- SCSI-2 external (optional for SCSI EXP expansion chassis)
- Two RS-232C compatible DB-9M serial ports
- A Centronics parallel port
- A mouse port connector with standard 6-pin mini-DIN interface
- Internal modem telephone jack (North America models only)
- External modem port
- Diagnostic serial port
- A keyboard connector with standard 6-pin mini-DIN interface
- Ethernet port (optional); Thicknet DB-15 or Thinnet BNC standard connectors
- Multiuser terminal connectivity: Up to four WY-9977 Multidrop Communications Interface Boards (optional) for use with up to eight WY-999 Intelligent Terminal Concentrators per board; 288 serial, 32 parallel ports maximum

INDICATORS/CONTROLS

- Two LED indicators for power, boot status, disk activity; internally-mounted LEDs for Wyse Wyde Bus diagnostics; rear panel CPU status LEDs
- Front-accessible power and reset buttons
- Internally-mounted speaker

SOFTWARE

- WYSE UNIX System V/386 Release 3.2
- UNIX System V Release 4
- X Client, Network File System (NFS) and Volume

Manager available as options

- Multiprocessor firmware; Phoenix BIOS compatible
- Enhanced Micro Computer Systems (MCS) EISA Configuration Utility
- Microsoft Windows NT compatible

HIGH AVAILABILITY

- Disk mirroring, striping, and spanning (optional)
- Error Detection Correction (EDC) memory subsystem corrects all single-bit errors and detects all double-bit errors upon access thereby ensuring reliable data to all CPUs
- Automatic reconfiguration of failed CPUs, disks and memory

POWER SUPPLY

- 500W; International voltage/frequency auto-sensing
- AC Input 85-132V, 47-63 Hz; 170-264V, 47 to 63 Hz
- DC Output: 70A at +5V (350W), 12.5A at +12V (150W), 0.5A at -12V (6W)

CUSTOMER SERVICE

The WYSE Customer Service Center offers a wide array of services and programs. For more information, or for the WYSE Service Center nearest you, call 1-800-800-WYSE (1-800-800-9973).

INTERNATIONAL SALES OFFICES

Australia (2) 888-7455
Canada (905) 886-9973
France (1) 6982-9100
Germany (89) 46 00 99-0
Hong Kong (852) 866 2196
Italy (2) 95301817
Latin America (408) 473-1800
Taiwan (886) 2 3881305
United Kingdom (734) 342-200
United States (408) 473-1200

ENVIRONMENT

Temperature

- Operating: 50° to 95°F (10° to 35°C)
 - Nonoperating: -40° to 149°F (-40° to 65°C)
- ### Humidity (non-condensing)
- Operating: 20% to 80%
 - Nonoperating: 10% to 90%

- Maximum humidity change: 10% per hour

Altitude

- Operating: 0 to 3,048 meters (0 to 10,000 feet)

Shock/vibration

- Nonoperating system in packing container will withstand a 20g shock

REGULATORY COMPLIANCE

- Safety: UL Listed, CSA Certified, TUV-GS Approved
- RFI: FCC (Class A), CISPR A/B, VDE Level B (VFG 243)

PHYSICAL CHARACTERISTICS

- Height: 23.5 in (597 mm)
- Width: 7.75 in (197 mm)
- Depth: 19.75 in (502 mm)
- Weight: 92 lb. (42.1 Kg) max
- Acoustic: 50 dBA, floor-standing, one meter in front of unit at 20°C



WYSE is a registered trademark, and Series 7000i Model 760MP, Wyse Wyde Bus, WYSE UNIX System V/386 Release 3.2, WY-999, WY-9977, PC-NETboot, 4KB Fast File System and System Manager are trademarks of Wyse Technology Inc. UNIX System V, UNIX SVR4 and UNIX System V/386 are registered trademarks of UNIX Systems Laboratories. Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation. PC XT and PC AT are registered trademarks of International Business Machines Corp. Intel, i486, 80387, DX, DX2 and The Intel Inside Logo are trademarks of Intel Corporation. Network File System, NFS are registered trademarks of Sun Microsystems. Centronics is a registered trademark of Centronics. Phoenix BIOS is a registered trademark of Phoenix Technologies, LTD. Micro Computer Systems, MCS and EISA Configuration Utility are registered trademarks of Micro Computer Systems, Inc. X Client is a registered trademark of the Massachusetts Institute of Technology. Product names mentioned herein may be trademarks and/or registered trademarks of other companies. Information is subject to change without notice. © 1992 Wyse Technology Inc. All rights reserved. Printed in U.S.A.