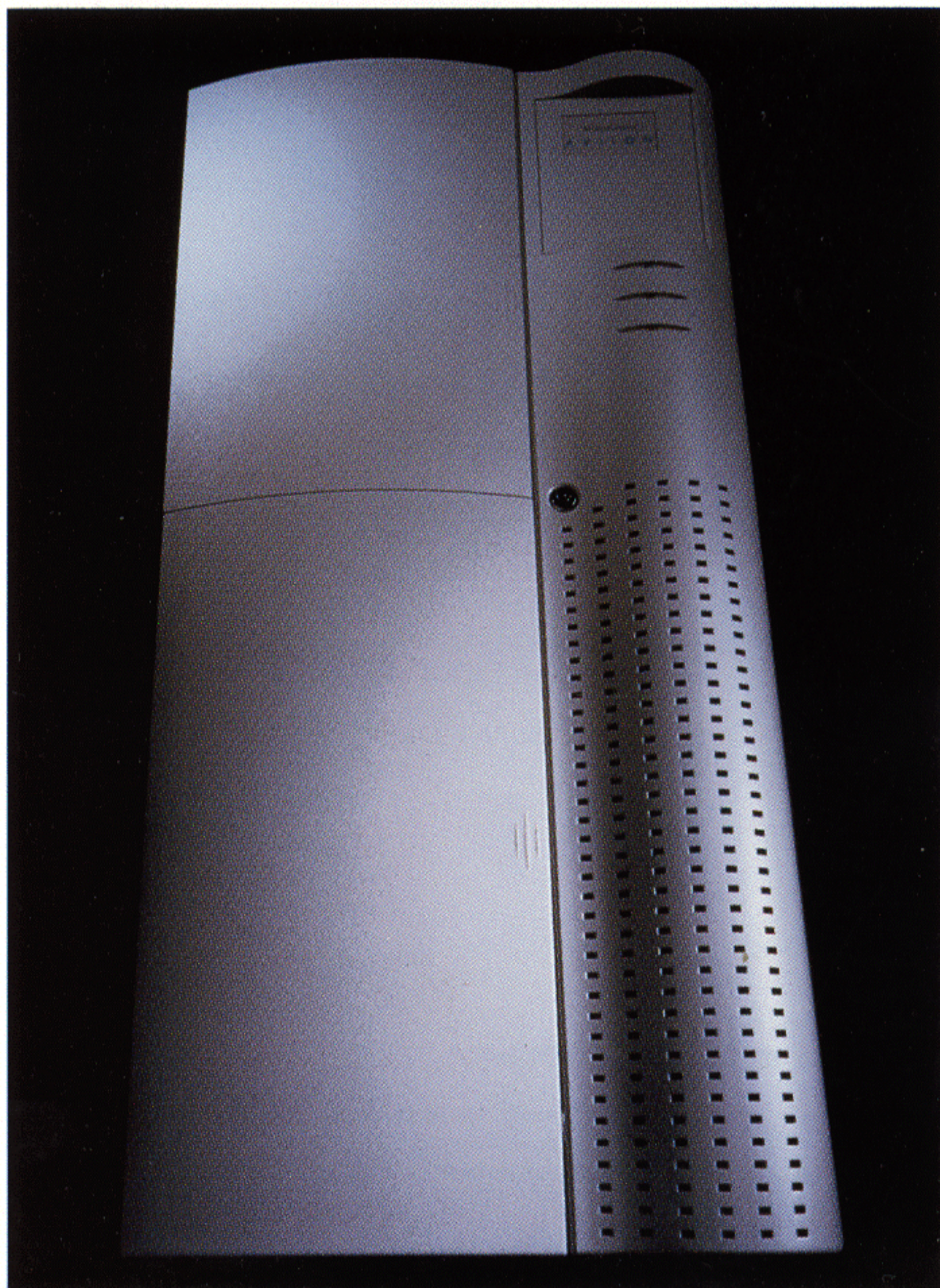


Data General's AViiON® AV 3600 tower, based on Intel Pentium® Pro technology, delivers outstanding price/performance, scalability, and high availability in support of your business-critical applications. Designed for the office environment, the AV 3600 delivers enhanced memory performance, significantly more I/O, and better hardware management. For example, the AV 3600 supports a four-way memory interleave (compared to the standard two-way interleave). Therefore, double the amount of data is transferred in a single memory read. The 534-MB/s memory bus bandwidth provides optimal throughput for multiple PCI devices while supporting the SMP (symmetrical multiprocessing) demands of up to four 200-MHz Pentium Pro chips with 512 KB of integrated L2 cache.



With a unique dual PCI bus design, the AV 3600 supports seven PCI, seven EISA, and one shared PCI/EISA I/O slots. All of these slots offer bus-mastering capabilities, making the AV 3600 an ideal vehicle for multiple SCSI array controllers. To complement these numerous I/O slots, the AV 3600 comes standard with six internal hot-swap drive bays, four 5.25-inch drive bays, one 3.5-inch drive bay, a CD-ROM, and a floppy disk. Disk array subsystems support RAID levels 0, 1, and 5, as well as a hot-spare technology and on-line drive rebuilding.



Benefits

- Up to four 200-MHz Pentium Pro processors with 512-KB integrated L2 cache
 - Delivers high performance at an affordable price
- Expandable to 4 GB of ECC memory
 - Features four-way interleave that doubles the amount of data transferred in a single read compared to the standard two-way memory interleave
- High-performance dual PCI with eight internal PCI slots
 - Provides maximum throughput
- Six hot-swap disk bays
 - Supports 24 GB of internal storage, RAID levels 0, 1, and 5, as well as hot-spare technology and on-line drive rebuilding
- AV/Alert and NAlert server management support service
 - Machine-initiated trouble calls to worldwide country service centers
 - In-service diagnostics (DG/UX)®
 - Error threshold detection
 - Availability reporting
 - Remote assistance
 - exTended Service Board for remote diagnostics
- CPU failover and deconfiguration at power up ensures system availability
 - Service center automatically alerted
- Other standard features
 - 10/100 Mbit PCI Ethernet LAN controller
 - Ultra Wide SCSI PCI controller
 - 24-bit color local bus PCI adapter with 1-MB DRAM
 - 575-watt power supply, optional redundant power
- Customer installable, maintainable, and upgradable
- Office (tower) packaging
- Supported by Microsoft Windows NT Server, DG/UX, SCO UnixWare and SCO Open Server, and Novell NetWare
- Three-year, on-site warranty
- Ideal for Database Server, Internet/Intranet Server, Application Server (OLTP), Back Office, and PC LAN Server Applications

Data General's AViiON line of Pentium Pro processor based servers delivers a wide range of price, performance, configuration, and functionality levels. From low-end departmental servers to mid-range and high-end enterprise servers, Data General offers systems that best meet customer priorities. Contact your Data General sales representative for more information about AViiON servers.

The AV 3600 is supported by four operating systems — Microsoft Windows NT Server, Novell NetWare, SCO, and the DG/UX operating system, — for the greatest range of third-party and customer application support. In addition, Data General Enterprise Management (DGEM) products provide an easy-to-use, yet robust systems management platform for AViiON servers. DGEM tools allow systems administrators to easily monitor and manage these servers, as well as CLARiiON disk arrays, systems from other vendors, and other network devices.

For those seeking performance, security, or mission-critical reliability and fault tolerance at an affordable price, the AV 3600 is the system of choice.

AV 3600 Specifications

Processor

Intel Pentium Pro 32-bit CPU with 64-bit data bus; 200-MHz SuperScalar SMP architecture

Number of CPUs One to four

Cache Architecture

First Level 16-KB (8-KB code, 8-KB data) on chip four-way associative instruction, two-way associative data; full CPU speed, 64-bit interface

Second Level 512 KB per CPU four-way set associative in package; full CPU speed, 64-bit interface

Operating Systems Support

Microsoft Windows NT Server Release 3.51 and 4.0, Novell NetWare 4.1 and SMP, SCO Open Server 5.0 and UnixWare 2.1, DG/UX System R4.11

System Bus

Peak Transfer Rate 267 MB/second

Memory

Built-in Error Checking and Correction (ECC) on memory module; four-way interleave supported; 534-MB/s memory bus bandwidth

Minimum 64 MB (ECC)

Maximum 4 GB (ECC)

Available Increments 64 MB (8x8), 128-MB (8x16), 256-MB (8x32), and 512-MB (8x64), and 1 GB (8x128)

Controller and Slot Configurability

PCI Channels Integrated dual-channel PCI/IDE disk interface supporting up to four IDE devices (supports PIO Modes 0-4)

Bundled Controllers SE Ultra Wide SCSI, 24-bit color local bus with 1-MB DRAM, 10/100 Mbit Ethernet, exTended Service Board, Modem

I/O Slots Seven PCI (three used in base system offering) Seven EISA (two used in base system offering) One PCI/EISA

Internal Mass Storage

Standard 1.44-MB 3.5-inch diskette; CD-ROM; six 3.5-inch hot-swap disk bays; four 5.25-inch and one 3.5-inch bays for removable media only.

Options 525-MB + 5-GB QIC tape; 4-mm DAT tape; 2-GB, 4-GB Fast Wide SCSI 7200-rpm hot-swap disks; RAID controllers

External Mass Storage

Options

CLARiiON disk and tape subsystems; peripheral housing units; combined storage subsystem chassis for disk and cartridge tape; reel-to-reel tape

I/O Ports

Two serial ports (UART 16550); one parallel port (ECP/EPP); one PS/2 mouse port; one PS/2 keyboard port

High Availability

ECC memory; ECC data and address bus protection; Multi-path I/O; DG/UX fast file recovery; optional n+1 power

Diagnostics

AV/Alert and NTAAlert machine-initiated callout; BIOS, power on shelf test, and extended diagnostics suite

Support

Customer installable, maintainable, and upgradable

Warranty

Three-year, on site, 48-hour response (upgradable to four-hour response)

Packaging

Free-standing tower

Dimensions

32.39 cm wide by 53.34 cm deep by 65.41 cm high (12.75 inches wide by 21 inches deep by 25.75 inches high)

Weight

Approximately 31.76 kg (70 pounds) max.

Power Supply

AC voltage input
AC frequency input

575 Watts; optional dual 575-Watt for redundancy
100 to 120/200-240V switch selectable
60/50 Hz

AC Draw (amps)

@ power up 4.13A
@ continuous 2.4A

Temperature

Operating with mass storage
Non-operating

10°C to 35°C (50°F to 95°F)
-40°C to 70°C (-40°F to 158°F)

Relative Humidity

Operating
Non-operating

80 percent at 36°C (without hard disk drive)
95 percent at 30°C

Heat Dissipation

400 Watts

Acoustics

44 - 48 dBA

Agency Approvals

UL1950
CUL (Canadian UL=CSA)
EN60950 (in GS and CE)
FCC A
Canadian RIR SOR/88-475
CE Mark
VCCI 1

Data General

For more information about our products and services:

■ Worldwide web: <http://www.dg.com> ■ e-mail: AViiON@dg.com

For the sales office nearest you, check your local telephone directory or call:

■ North America: 1-800-DATA-GEN ■ Europe: (44) 81 758 6000 ■ Asia/Pacific: 852-2599-6688

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012-004856-00