

AlphaServer 1000A system

High performance, expandability, clustering and more — offering unparalleled value

ALPHA™
GENERATION

The AlphaServer 1000A system — a reliable desk-side server that delivers the industry's best price/performance in its class, the power of Alpha, high availability, and manageability — a winning combination.

Looking for a robust, reliable solution for your heavy-duty I/O requirements? The AlphaServer™ 1000A system has everything you need, including a high-performance Alpha processor, PCI slots that give you room to grow, cluster power for high availability, and ServerWORKS™ software for easy system management. And that's only the beginning.

- Expandable and flexible, with room to grow
 - > Up to 1 GB memory
 - > Up to 30 GB internal storage (440 GB total)

- Highest-performing, most reliable cluster-ready systems in the industry

- ServerWORKS software to manage SNMP-based distributed network environments

- Serial-link remote management lowers your support costs

- Choice of robust, mission-critical operating systems: Digital UNIX®, OpenVMS™ and Windows NT™

- Leadership 3-year, on-site hardware warranty

- Best suited for:
 - > Database server
 - > Internet server
 - > Application server
 - > PC LAN server
 - > Telecommunications server
 - > Affordable, highly-available clusters



Benefits

- 64-bit Alpha processor delivers unparalleled performance and value

- Powerful Alpha 300 MHz system delivers 1,691 tpmC @ \$158/tpmC to increase your productivity

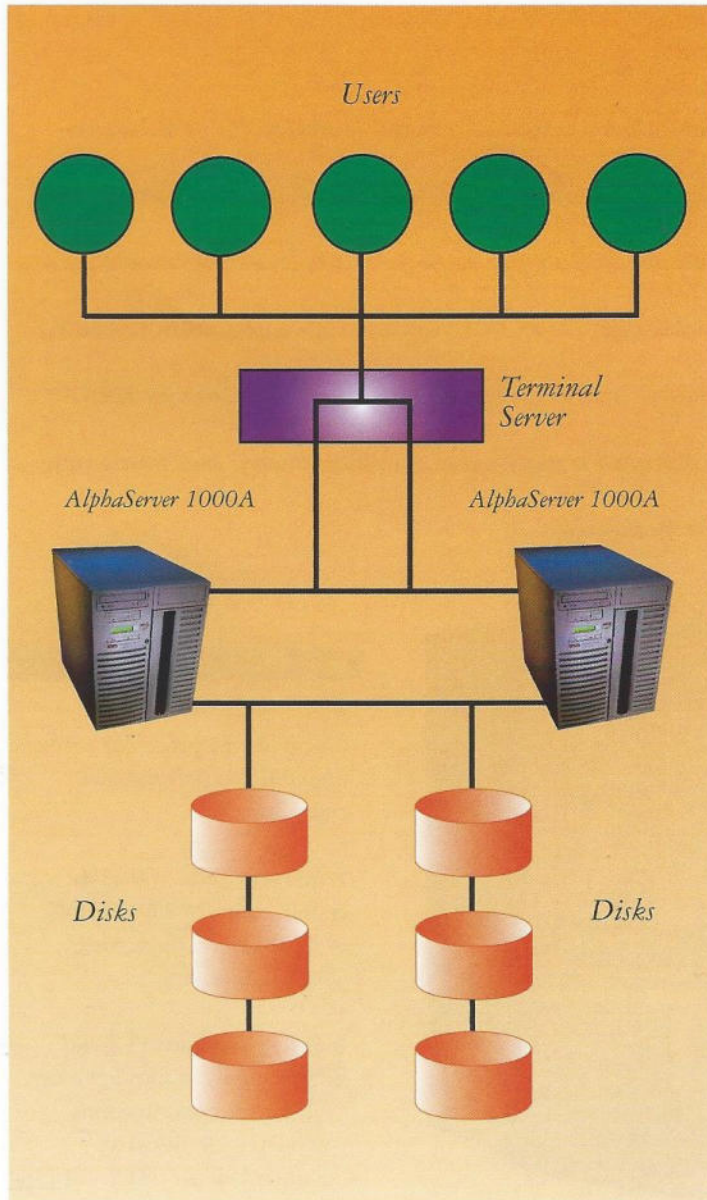
- Industry-standard PCI and EISA connect you to low-cost, high-performance options
 - > 1000A — 9 industry-standard slots (7 PCI, 2 EISA)

- On-board, FastWide SCSI for enhanced disk access.

The AlphaServer 1000A system delivers 64-bit Alpha power and the industry's best price/performance in its class, while packing a huge amount of expansion, reliability, and openness into a small package.

You can easily manage multiple AlphaServer 1000A systems as a single unit by clustering them together. Instantly, you have a higher level of access to data and a way to balance your workload automatically across the entire server environment.

Flexible, Available AlphaServer Cluster



Expandability in an Open System

You'll find the AlphaServer 1000A system to be the most expandable server in its class — up to 1 GB of ECC memory and more than 30 GB of internal hot swap storage. And 9 industry-standard expansion slots, including 7 PCI slots, for those with large disk farms or I/O intensive applications. With a choice of Digital UNIX, Windows NT or OpenVMS operating systems, the AlphaServer 1000A system can handle all that you demand, with room to spare.

If you prefer the small footprint of a rackmount system, the AlphaServer 1000A is also available in a space-saving cabinet, which is ideal for high-availability cluster solutions.

The future is built in ...

The AlphaServer 1000A system is designed to protect your investment in hardware and software. Its architecture supports seamless upgrades of CPU and memory, so your server can easily accommodate higher performance processors and additional memory as your business grows. The bottom line: Your technology investment is protected.

Take care of business

When you have maximum server needs and minimum MIS support, it's comforting to know that the AlphaServer 1000A system can take care of itself. It is ideal for organizations with shrinking support resources. Business-critical applications can run unattended, while system management features and self-diagnostics provide early indications of any potential problems.

More ways to maximize uptime

Looking for reliable access to LAN services? Your business-critical applications have the lowest possible risk of downtime on the AlphaServer 1000A system. Built-in sensors monitor the servers, and their LCD control panels indicate system status at a glance. Any problem can be handled remotely, without disrupting other office activities. Hot swap drives mean you can replace a disk while the rest of the system continues to operate.

All AlphaServer 1000A systems include ServerWORKS, which allows you to manage your server environment to ensure high availability.

These systems are the only low-end servers in the industry to offer a full suite of the robust features that would typically only be found on more expensive, higher end servers, including fully redundant power supplies, ECC (error correction code) memory and cache, and a dual SCSI backplane.

Cluster power

Need a bet-your-business server that doesn't deplete your budget? The AlphaServer 1000A system offers the robust features of a high-end system at a low cost. Digital offers the most reliable servers in the industry. We invented clustering technology as an added safeguard for your data. Clustering provides high availability, manageability and performance across your entire computing environment.

Catch the wave

The AlphaServer 1000A system was designed with the Internet in mind. Its not only dependable, powerful, and easy to manage, but it can also help you leapfrog your competitors by giving you access to the fast-growing Internet as a way to market your products and services. Choose between flexible packaged Internet systems or a separate software kit that runs on all AlphaServer systems.

Industry-leading support services

Digital and its partners offer the broadest range of support services in the industry. Whether you require training, consulting, network integration, software support, or comprehensive system maintenance, Digital teamed with its partners provides a single-source solution to meet your needs.

The new AlphaServer systems support plan complements and extends the AlphaServer product warranty and simplifies the planning and budgeting of service.

Next step

Looking for the availability, performance, and flexibility of a large system — in a compact, affordable server? You're looking for the AlphaServer 1000A system.

For information by fax, call 800-DIGITAL (via a touch-tone phone in the U.S. and Canada), or 1-908-885-6426 (outside the U.S. and Canada). For online information, including how to order, check out the AlphaServer Home Page at <http://www.digital.com/info/alphaserver>

AlphaServer 1000A system

CPU features

No. of processors	1	1
Alpha chip/clock speed	21064/266 MHz	21164/300 MHz
Cache size on chip	16 KB I-cache, 16 KB D-cache	8 KB I-cache, 16 KB D-cache, 96 KB combined
Secondary cache	2 MB ECC	2 MB ECC,
In-cabinet upgrade	Yes	Yes

Performance

tpmC @ \$/tpmC	1,153 @ \$229	1,691 @ \$158
SPECint95	4.34	8.48
SPECint_base95	—	7.07
SPECint_rate95	—	76.4
SPECint_rate_base95	—	63.6
SPECfp95	6.03	9.84

I/O

Max. memory	1 GB ECC
Max. storage, internal	30 GB
Max. storage, total	440 GB
Max. I/O throughput	PCI: 132 MB/sec.
I/O support	7 PCI slots, 2 EISA slots

Options

Networking	Ethernet, FDDI, Token Ring, WAN, X.25, SNA, TCP/IP, DECnet/OSI
Storage	FWD SCSI-2, RAID, DSSI (OpenVMS only), Prestoserve™ (Digital UNIX only)
Availability features	Auto reboot, thermal management, remote system management, RAID, disk hot swap, dual SCSI backplane, memory failover, ECC memory, ECC cache, error logging, optional redundant power system, optional uninterruptible power supply (UPS)
Operating systems	Digital UNIX, OpenVMS, Windows NT Server

Operating environment

Temperature	10°C to 40°C (50°F to 104°F)
Relative humidity	20% to 80% (non-condensing)
Power supply	450W (optional second supply for redundancy, available on pedestal only)

Physical characteristics

	Pedestal	Rackmount
Height	46 cm (18.1 in.)	26.7 cm (10.5 in.)
Width	35.8 cm (14.1 in.)	48.2 cm (19.0 in.)
Depth	58.6 cm (23.1 in.)	73.7 cm (29.0 in.)
Weight	39 kg (86 lb. typical) 51 kg (113 lb. maximum)	29 kg (65 lb. typical)

Warranty

Three-year on-site warranty; next-business-day response time.
(Warranty may be upgraded to enhance your coverage.)

Features may differ among operating environments. Performance may vary depending on configuration, applications, and operating environment.

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