digital

AlphaServer 300 system

A reliable, affordable server solution for demanding workgroup environments

ALPHA GENERATION™

DIGITAL's industry-leading AlphaServer systems deliver unmatched speed, power, and scalability, as well as a significant price/performance advantage across the entire product family.

Looking for a server to handle Internet/Intranet service or workgroup/branch office requirements in a distributed network? The Internet-Energized AlphaServer 300 4/266 system has everything you need to support demanding user environments — high performance, high reliability, and easy system management . . . all driven by the power of the world's fastest microprocessor architecture, DIGITAL's record-setting Alpha chip.

Features

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Outstanding CPU and I/O performance
> 5.18 SPECint95™
> 6.27 SPECfp95™
> 528 MB/s peak system bus bandwidth
> 132 MB/s peak I/O throughput

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Leading Internet software included free

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DIGITAL ServerWORKS Manager included free

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Industry-standard components

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All at a low price

Benefits

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Best suited for:
> Communications server
  – Internet/Intranet server
  – Application or database server
  – Workgroup or branch office server
  – PC LAN server
> Dedicated applications server
> Database access server
  – SNA Gateway
> Low-cost Alpha upgrade platform for the MicroVAX 3100 server

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Internet-Energized: shipped with the Internet software you need to start doing business on the Web — right away!

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Entry-level member of the AlphaServer family

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Three industry-standard PCI/ISA slots for adding high-performance I/O options

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Supports DIGITAL UNIX,® OpenVMS, Windows NT™ Server, and thousands of applications

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Industry-leading, three-year on-site warranty with next-business-day response time

provides the robustness and reliability required for an Internet/Intranet server, a dedicated application server for small workgroups, a replicated site server, or a PC LAN server.

Internet-Energized

Digital UNIX	Microsoft Windows NT	OpenVMS
Internet AlphaServer System Software	Internet Windows NT Road Map	OpenVMS Internet Product Suite
Administration Software	Microsoft Internet Information Server (Web Server)	Process Purveyor Web Server
Apache Web Server	Internet Explorer	Netscape Navigator

To be as productive, competitive, and successful as they can be, your teams increasingly count on the global Internet and your enterprise Intranet to bring them the information, tools, and communications they need — on demand.

Your workgroups depend on having data and business applications at their fingertips. They need *live* information — consolidated, accurate, and continuously accessible even if a system goes down. And your branch offices need their distributed applications supported across the network.

Large-system features, small-system price

In today's competitive environment, these are critical success factors. You need to be sure that your server system can support the information needs of your networked business. Does it deliver the speed, power, and reliability you need?

DIGITAL's AlphaServer 300 4/266 system is a highly reliable, cost-effective workgroup server suitable for any small- to medium-size enterprise or workgroup that needs faster access to data, lower maintenance costs, and ease of integration into a multitude of environments. It is designed to support the requirements of varied user environments including:

- Workgroups
- Branch offices
- Dedicated applications

With the AlphaServer 300 4/266, you get large-system features at a small-system price. It delivers a robust server environment, including free Internet and server management software, compactly packaged at a very affordable entry price.

Reliable

Affordable

Configuration flexibility

Examine the AlphaServer 300 enclosure and you'll find three expansion slots: one PCI, one ISA, and one combination PCI/ISA. You'll also find built-in SCSI and Ethernet capabilities, and the ability to add graphics if needed.

In addition to the embedded 1.44 MB diskette drive, the system gives you three accessible drive bays to add storage and supports up to 512 MB of industry-standard SIMM memory. The system also provides three ports — two serial and one parallel.

Internet-Energized — your edge in the global marketplace

The Internet not only provides speed and ease within your networked enterprise, it can also link you more closely to your customers and business partners, strengthening your competitive advantage.

That's why we're giving you an edge no other vendor offers today. Our AlphaServer 300 4/266 isn't just Internet-ready — it's Internet-Energized.

That means we ship it with the software you would typically use on your Internet or Intranet system, effective immediately and at no additional cost. The advantage? You can be doing business on the Web while your competitors are still struggling to figure out what software they'll need.

DIGITAL's Internet-Energized AlphaServer systems are the industry's most scalable family of systems. Since all of these systems are binary-compatible and are based on the industry-leading Alpha chip, you'll be able to grow your IT solutions seamlessly — well into the 21st century.

Maximize uptime while you minimize support costs

On the Internet, you're open for business 24 hours a day, with no weekends or holidays. Likewise, the enterprise Intranet that keeps your people productive is available around the clock. That gives you a far-reaching competitive advantage.

But it also means that the service you provide must continue uninterrupted, even while your Internet server is undergoing preventive maintenance, hardware configuration, software upgrade, and database reorganization.

You can rely on the AlphaServer 300 4/266 system to maximize uptime for your business-critical applications.

Every AlphaServer system comes bundled with DIGITAL ServerWORKS Manager, a complete out-of-the-box package of integrated system and network software tools for proactive control and management of your network resources.

Result: You benefit from high uptime and user productivity, as well as reduced overall cost of ownership.

Versatile functionality

The AlphaServer 300 4/266 system is a perfect solution for still other functions in support of an effective, distributed client/server network.

The list of possibilities keeps on growing . . .
Dedicated applications server for branch office automation

The AlphaServer 300 4/266 system functions well as a dedicated applications server to support users across your enterprise geography.

Database access server for timely information delivery

The AlphaServer 300 4/266 system can be utilized to optimize workgroup/branch office access to your enterprise's mainframe databases, for example, as an SNA Gateway.

Low-cost Alpha upgrade platforms for MicroVAX 3100 systems

The AlphaServer 300 4/266 system is an ideal choice for those who have decided to move from existing MicroVAX 3100 systems to an Alpha-based solution.

Choice of packaging

The AlphaServer 300 4/266 system is available in two configurations.

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The small-footprint configuration conveniently occupies the user's desktop.

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The rackmountable configuration economizes valuable office space.

The service you expect

For the AlphaServer 300 4/266 system, DIGITAL offers the best warranty program in the industry. It includes a three-year hardware warranty, three years of on-site service, and 90 days of software advisory telephone support. All with a next-business-day response time.

AlphaServer 300 4/266 system	
CPU features	
No. of processors	1
Alpha chip/clock speed	266 MHz
Cache size on chip	16 KB I-cache, 16 KB D-cache
Cache size on board	2 MB
Performance	
SPECint95	5.18
SPECfp95	6.27
LINPACK 1000 × 1000 (DP MFLOPS)	193.2
I/O	
Max. memory	512 MB
Max. storage, internal	9.0 GB/135 MB total
Drive bays	Four storage bays: one occupied by 1.44 MB diskette drive; two 3.5″ bays for fixed disks; one 5.25″ drive for CD-ROM or tape
Max. I/O throughput	132 MB/s
Standard I/O support	1 PCI slot, 1 ISA slot, 1 PCI/ISA slot, 2 serial ports, 1 parallel port; Ethernet, SCSI-2
Optional I/O support	FDDI, Token Ring, Ethernet
Software environment	DIGITAL UNIX, OpenVMS, Windows NT Server
Graphics	ISA entry-level 2D graphics, 8-plane: ZLXp-E1; 24-plane: ZLXp-E2; 24-plane, double buffer, Z buffer: ZLXp-E3, ZLXp-L1; ZLXp-L2
Operating environment	
Operating temperature	10°C to 40°C (50°F to 104°F)
Storage temperature	−20°C to 65°C (−4°F to 149°F)
Operating humidity (noncondensing)	20% to 80% relative humidity maximum wet bulb 40°C (104°F)
Storage humidity (noncondensing)	10% to 90% relative humidity maximum wet bulb 65°C (149°F)
Operating altitude	2,438 m (8,000 ft) maximum
Nonoperating altitude	4,876 m (16,000 ft) maximum
Shipping vibration	LAW Federal Standard 101, method 5019
Nonoperating shock	30 G 25 ms halfsine
Power requirements	
Line voltage	120 V/240 V
Voltage tolerance	90–128 V/190–256 V
Frequency single phase	50 Hz/60 Hz
Frequency tolerance	47–63 Hz
Max. running current	7.0 A/3.3 A
Max. power consumption	180 W
Physical dimensions — desktop*	
Height	10 cm (4.0 in)
Width	43 cm (17.0 in)
Depth	41 cm (16.0 in)
Weight	11–14 kg (25–30 lb)
*Also available in rackmountable configuration	
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.

Your next step

For more information about the AlphaServer 300 4/266 system and other members of the AlphaServer product family, contact your local DIGITAL sales office or an Authorized DIGITAL Business Partner.

For information by fax, call 1-800-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, visit DIGITAL at http://www.digital.com or our AlphaServer home page at http://www.digital.com/info/ alphaserver. Or send e-mail to moreinfo@digital.com.

Service