



AlphaServer 4100 Custom Solution System

Extending the AlphaServer 4100 product line
for Solutions in a readily available
Commercial-Off-The-Shelf low profile platform.



Exceptional performance with new choices in processor speeds, embedded storage, and durability. In a world where size matters, the AlphaServer 4100 Custom Solution Systems platform saves you space. In a world where embedded storage matters, this platform has room for two drives. If conditions required a system to be tougher than normal, then this is the system that is ready to shake, rattle, and roll on land, on sea, or in the air.

Just when you were wishing for the same power, but a smaller size mid-range system... Compaq announces the AlphaServer™ 4100 Custom Solution Systems platform. Its low profile design makes an ideal platform for critical space-saving requirements. Its height takes just 8.75 inches of vertical rackmount space. In fact, rackmount configurations can hold up to 7 systems in one cabinet, each system can hold up to 4 processors — a total of 28 processors in one cabinet!

Imagine the power per cubic foot that gives a whole new meaning to price/performance. With 1 to 4, 64-bit processors at 533Mhz, the *CustomSystems* platform can handle anything that your demanding business can throw at it — comfortably.

And that's not all... with an embedded system disk, choose external storage only when you are looking for higher capacity.

COMPAQ

Better answers

BENEFITS

- ➔ *Flexibly-configured rack-mount platform can include other systems, storage, and options that fit into a 19 inch wide RETMA Standard cabinet*
- ➔ *Low profile design using only 8.75 inch rackmount vertical height*
- ➔ *Factory Integrated Systems with your choice of UNIX®/WNT or OpenVMS™ operating system delivered*
- ➔ *High performance graphics capability in a server*
- ➔ *Commercial-off-the-shelf (COTS) platform with leading-edge technology*
- ➔ *Recognized value leader for Total-Cost-of-Ownership in Mid-range systems*

Critical space needs

In industries experiencing rapid growth such as the telecommunications industry, business is booming. Technical Directors are constantly looking for ways to optimize floor space without incurring more costs. It's not enough to say that Compaq has the best price/performance — it's performance per cubic foot that makes the AlphaServer 4100 Custom Solution System the most powerful computer for confined spaces.

Handling Internet growth

Internet service providers are doing more and more business in E-commerce. Compaq is prepared and ready to reduce operating costs by keeping platforms compact.

So you won't have to physically outgrow your environment. If you are stressed about computer space needs, the AlphaServer 4100 Custom Solution System is the antidote.

Military toughness

Compaq makes the state-of-the-art AlphaServer 4100 Custom Solution System tough enough to pass the tests of the armed forces. That's right! This platform passes the MIL-SPEC 167-1 testing for vibration. It even passes tests to withstand a greater range of temperature.

This may sound too customized to depend on for a long term solution. The fact is... the AlphaServer 4100 Custom Solution System is a commercial-off-the-shelf (COTS) offering. The same high performance processor and the same operating systems used in Compaq's commercial products... only the configuration has changed to meet an extended set of needs.

High powered graphics

Now the power needed for graphic imaging comes to a server. The AlphaServer 4100 Custom Solution System can perform with the display energy of a workstation. And it has the performance to render any complex image in record time. Not only can your demanding file serving and e-mail needs be met, but applications for the most demanding video, cartooning, or simulation programs are a reality.

SPECIFICATIONS	
Clock speed	21164A / 533MHZ
Number of processors	1 to 4
On board cache	4MB
Memory	Up to 4GB
I/O slots	(5) 64-bit PCI (1)PCI/EISA Combo
Embedded I/O	(1) Fast Narrow SCSI II (on the motherboard)
Operating systems	UNIX 4.0D / OpenVMS 7.1-1H1 / Windows® NT 4.0
Storage subsystems	(2) internal disk bays, CD ROM, 1.44MB Floppy
Ports	(2) serial and (1) parallel
Power supply	630 watt, 6.5 Amps 120/240VAC 50/60HZ Supports full (four CPU) configuration Optional 2nd supply for redundant power needs
Dimensions (H x W x D)	8.75" (5U) / 17.5" / 26.75"
Weight	95 lbs (minimum configuration)
Temperature	-10°C to 40°C operating -40°C to 66°C non-operating
Humidity operating	90% non-condensing
Altitude operating	10,000 ft
Mil spec design	167-1 vibration for Naval Ship Systems
Acoustics	65DBA
DEC STD 102 (shock)	10G's @ 11 Msec
NEBS (partial)	Thermals, humidity, vibration Earthquake zone 4
FCC	Class A BA702-AA system box (part of CT-Base System)



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