Important! Read this information before installing an additional 833-MHz CPU into an AlphaServer DS20E system!

The add-on CPU in your order has the part number 54-30482-01. This is a KN312 CPU. For instructions to install CPUs, reference the KN311/312 CPU Installation Card (EK-DSCPU-IN. C01) provided with your CPU upgrade kit.

Note: For Regulatory and Safety Information, reference Appendix A in the AlphaServer DS20E/AlphaStation DS20E Reference Guide (ER-K8F6W-UA. D01).

After upgrading your system with 833 MHz CPUs, perform the following examples to assure that the CPUs are installed correctly.

Example Show Configuration

Important! Before installing the CPU upgrade, the system firmware revision must be at a minimum version of 6.0.


P00>>> show config | more

COMPAQ AlphaServer DS20E 833 MHz

SRM Console: V6.0  1
PALcode: OpenVMS PALcode V1.88-71, Tru64 UNIX PALcode V1.83-68

Processors
CPU 0 2
Alpha 21264B-3 833 MHz SROM Revision: V1.17.44
Bcache size: 8 MB

CPU 1 2
Alpha 21264B-3 833 MHz SROM Revision: V1.17.44
Bcache size: 8 MB

Core Logic
Cchip 3
DEChip 21272-CA Rev 2.1
Dchip 5
DEChip 21272-DA Rev 2.0
Pchip 0 6
DEChip 21272-EA Rev 2.2
Pchip 1 6
DEChip 21272-EA Rev 2.2

Tig 7
Rev 4.22
Arbiter 7
Rev 2.16 (0x1)
MEMORY

Array # | Size    | Base Addr
-------|---------|-----------
 0      | 256 MB  | 000000000
 1      | 128 MB  | 010000000

Total Bad Pages = 0
Total Good Memory = 384 Mbytes

1 Firmware. Version numbers of the SRM console and PALcode (the code that implements behavior defined by the Alpha architecture).

2 Processors. Processors present, processor version and clock speed, and amount of backup cache.

3 Core logic. Version numbers of the chips on the system board.

4 Memory. Memory arrays and memory size.

Example Show CPU

P00>>> show cpu

Primary CPU:  00
Active CPUs:  00 01  1
Configured CPUs: 00 01
SROM Revision: V1.17.44 V1.17.44  2

1 The CPUs have been brought successfully online and are ready to run an operating system.

2 SROM has been loaded and the CPUs are good.

For OpenVMS

All networks must be connected to a live network or loopback connector. The order number for a loopback connector is 317463-001, and the spare part number is 317465-001. For problems or questions, call Compaq Services.