

AlphaServer ES40

System Boards

Digital Classic Part

Mother Board, Quad EV6, Tsunami

54-25385-01

Configuration Code	Digital Classic Part
P19P9	**62AAA-**
P19PA	**64AAA-**
P1AT4	**62BAA-**
P1AT5	**64BAA-**

Microprocessors

Digital Classic Part

500 MHz, EV6, 4 MB Cache Motorola

54-30158-03

500 MHz, EV6, 4 MB Cache IBM/Samsung

54-30158-05

667 MHz, EV67, Alpha 21264A

KN610-BA

Memory

Digital Classic Part

64 MB, 200 Pin, DIMM, 100 MHz

54-25053-BA

128 MB, 200 Pin, DIMM, 100 MHz

54-24941-EA

256 MB, 200 Pin, DIMM, 100 MHz Monolithic

54-24941-HA

256 MB, 200 Pin, DIMM, 100 MHz Stacked

54-24941-FA

512 MB, DIMM, 100 MHz

54-24941-JA

Memory Channel, 2 Adapter, 100 MB

54-24962-01

Memory Riser Card, 4 High, 200 Pin

54-25582-02

Memory Riser Card, 8 High, 200 Pin

54-25582-01

Miscellaneous

Digital Classic Part

6 Slot PCI Backplane Module

54-30156-02

10 Slot PCI Backplane Module

54-30156-01

Backplane RAID – FWSE

29-33447-01

CI Adapter

CIPCA-BX

Drive Cage Assembly, Four 1.6" Drives

30-50802-02

Harness Assembly, 4 Cond, 24 AWG, 2 Polarized
Receptor Connectors

17-04914-01

Harness Assembly, 6 Cond, 24 AWG, 3 Magnetic Sensors

17-04786-01

Harness Assembly, 18 Cond, 22 Multi-conns

17-04785-01

Harness Assembly, Power and Signal

17-04787-01

Hot Swap, 120 mm Fan Assembly, PCI

70-40073-01

Hot Swap, 120 mm Fan Assembly, PCI

70-40073-02

Hot Swap, 120 mm Fan Assembly, PS Lower Assembly

70-40072-01

Hot Swap, 120 mm Fan Assembly, PS Upper Assembly

70-40071-01

Hot Swap, 172 mm Fan Assembly, 6.8"

70-40074-01

Miscellaneous/Junk I/O Board

54-25575-01

OCP Assembly (blue)

70-33894-01

SCSI Adapter Module, PCI to LVD, Single Channel, w/
VHDCI Connector

30-56041-01

Speaker w/ 28" Flying Lead to CPB

70-31349-01

Ultra SCSI Adapter (Qlogic ISP1040), 16B SE

KZPBA-CA

Ultra SCSI Adapter (Qlogic ISP1040), 16B DF

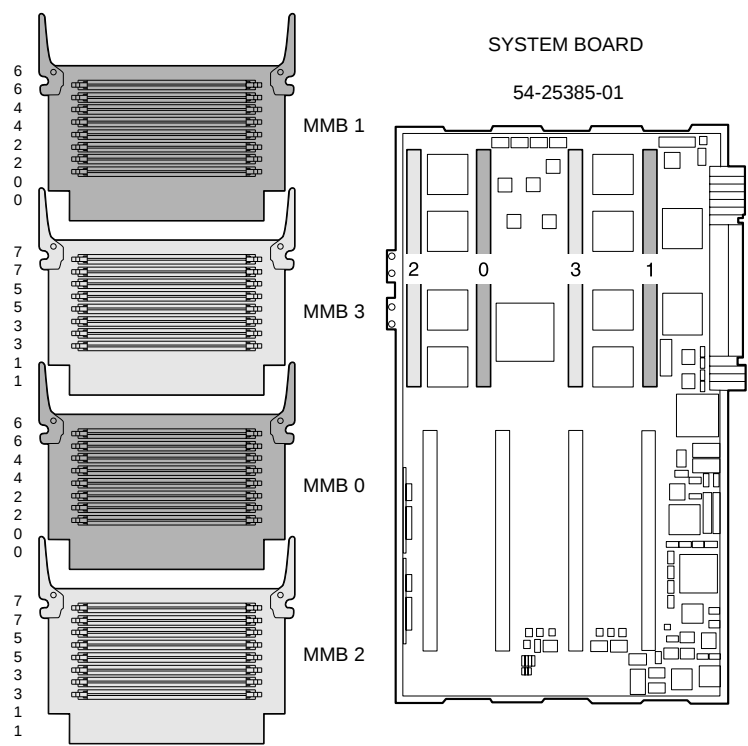
KZPBA-CY

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Controller Boards	Digital Classic Part
10/100 Ethernet	54-24602-01
Gigabit Ethernet	DEGPA-SA
Graphics, ELSA GLoria Synergy	PBXGK-BB
Graphics, PowerStorm 3D30/TGA2	54-23481-01
Quad Ethernet	DE504-BA
Token Ring	30-46385-02
Removable Storage	Digital Classic Part
CD-ROM, 32X, IDE Atapi	FE-14457-01
Hard Drives	Digital Classic Part
9 GB UltraSCSI II, 10K rpm, 1.6" LVD Hot-Plug	DS-RZ2DD-16
18 GB UltraSCSI II, 10K rpm, 1.6" Bay	DS-RZ2ED-16
Diskette Drives	Digital Classic Part
1.44 MB, 3.5", Top Gun Blue Bezel	RX23L-AC
Cables	Digital Classic Part
Cable, 34 Cond, CPB to Floppy 24"	17-03970-04
Cable Assembly, Flat, 10 Cond, (2) Polarized Receptor Connectors	17-03971-07
Cable Assembly, Flat, 40 Cond, IDE, CPB to CD, 20"	17-04678-02
Cable Assembly, Flat, 68 Cond, Bundled (3) Male Micro D Connectors	17-04867-01
Cable Assembly, Slit and Flat, Bundled, 68 Cond, Junk I/O to CPB, 6.5"	17-04400-06
Power Supply/Battery	Digital Classic Part
Power Supply, 720 W	60-49448-01

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Memory Upgrade Chart



Install up to 16 DIMMs or up to 32 DIMMs, depending on the system model, a set consists of 4 DIMMs. All 4 DIMMs must be installed.
Fill sets in numerical order. Populate all 4 slots in Set 0, then populate Set 1, and so on.
An "array" is one set for systems that support 16 DIMMs and two sets for systems that support 32 DIMMs.
DIMMs in an array must be the same size and type

ES40 Model 1	ES40 Model 2
MAXIMUM OF 16 GB TOTAL MEMORY	MAXIMUM OF 32 GB TOTAL MEMORY
512 MB 100Mhz, 200pin SDRAM DIMM (4 x 128 MB)	OPTION PN MS610-CA
1 GB 100Mhz, 200pin SDRAM DIMM (4 x 256 MB)	OPTION PN MS610-DA
2 GB 100Mhz, 200pin SDRAM DIMM (4 x 512 MB)	OPTION PN MS610-EA