

# AlphaServer DS20E

| System Boards                                                                     |            | Digital Classic Part |
|-----------------------------------------------------------------------------------|------------|----------------------|
| Mother Board                                                                      |            | 54-24756-03          |
| Microprocessors                                                                   |            | Digital Classic Part |
| 500 MHz EV6, 4 MB Cache                                                           |            | 54-24758-33/35       |
| 667 MHz EV67, 4 MB Cache                                                          |            | 54-30060-01          |
| Memory                                                                            |            | Digital Classic Part |
| 64 MB, 200 Pin, DIMM, 100 MHz                                                     |            | 54-25053-BA          |
| 128 MB, 200 Pin, 3.3V, 64M-Bit SDRAM (16MX4), Single Density                      |            | 54-24941-EA          |
| 256 MB, 200 Pin, 3.3V, 64M-Bit SDRAM (16MX4), Double Density                      |            | 54-24941-FA          |
| 256 MB, 200 Pin, 3.3V, 128M-Bit SDRAM (32MX4), Single Density                     |            | 54-24941-HA          |
| Miscellaneous                                                                     | Spare      | Digital Classic Part |
| 1 Channel PCI Wide Ultra2 (LVD) Adapter                                           | 146094-001 | SN-KZPCA-AX          |
| AlphaDP264 Planar, 21271 Chipset w/ Memory and I/O Expansion (MLB)                |            | 54-24756-03          |
| Blank Assembly, 1.6"                                                              |            | 70-40136-01          |
| CD-ROM/Diskette Assembly (blue)                                                   | 164441-001 | 30-50827-05          |
| DP264 500 MHz, 4 MB IBM L2/Han (P2.5 IBM)                                         |            | 54-24758-35          |
| DP264 500 MHz, 4 MB L2 Cache/Han (P2.5 motor)                                     |            | 54-24758-33          |
| Enclosure Assembly, System Box, Rack Mount                                        |            | 30-50827-01          |
| Ethernet and Video Combo Card                                                     |            | 30-50846-01          |
| Fan Assembly                                                                      |            | 70-40142-01          |
| Fan Assembly Kit, for Power Supply                                                |            | 30-50835-01          |
| Harness Assembly, 2 Cond, 24 AWG, 6 Pos Connector, Mag Sensor                     |            | 17-04917-01          |
| Harness Assembly, 3 Cond, 22 AWG, (1) 4 Pos, (1) 3 Pos Receptor Connector         |            | 17-04905-01          |
| Harness Assembly, 3 Pos Connector, (2) Ring Term, (3) Quick Term                  |            | 17-04912-01          |
| Harness Assembly, 8 Cond, 18 AWG, (2) Polarized Receptor Connectors (3.5 V sense) |            | 17-04907-01          |
| Harness Assembly, 14Cond, 18/20 AWG, (4) Polarized Receptor Connectors            |            | 17-04908-01          |
| Harness Assembly, 16 Cond, 18 AWG, (2) Locking Receptor Connectors                |            | 17-04902-01          |
| Harness Assembly, 18 Cond, 18 AWG, (2) Locking Receptor Connectors                |            | 17-04903-01          |
| Harness Assembly, 20 Cond, 18 AWG, (1) 20 Pos, (1) 24 Pos Receptor Connector      |            | 17-04904-01          |
| Harness Assembly, 24 Cond, 18 AWG, (2) Locking Receptor Connectors (Power)        |            | 17-04901-01          |

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| <b>Miscellaneous</b>                                        |  | <b>Digital Classic Part</b> |
|-------------------------------------------------------------|--|-----------------------------|
| Modular Four Drive LVD/SE SCSI Backplane Supporting 1.6" SC |  | 54-25657-01                 |
| Operator Control Panel                                      |  | 54-25651-01                 |
| Paddle Module                                               |  | 54-25649-01                 |
| Pedestal Kit                                                |  | 30-50827-02                 |
| Power Backplane                                             |  | 54-25647-01                 |
| Rack Mount Kit, Marquee                                     |  | 30-50827-04                 |
| Rack Mount Kit, Rittal                                      |  | 30-50827-03                 |
| Server Feature Module V2                                    |  | 54-30358-01                 |
| Speaker Assembly (wide tower)                               |  | 70-31349-01                 |

| <b>Controller Boards</b>      | <b>Spare</b> | <b>Digital Classic Part</b> |
|-------------------------------|--------------|-----------------------------|
| ELSA Gloria Synergy, 8MB, GFX | 108336-01    | PBXGK-BB                    |

| <b>Removable Storage</b> | <b>Digital Classic Part</b> |
|--------------------------|-----------------------------|
| CD-ROM, 24X Max IDE      | 30-50827-05                 |

| <b>Hard Drives</b> | <b>Spare</b> | <b>Digital Classic Part</b> |
|--------------------|--------------|-----------------------------|
| 9.1 GB UltraSCSI   | 386536-001   | FE-12775-01                 |
| 18.2 GB UltraSCSI  | 143920-001   | FE-14587-01                 |

| <b>Diskette Drives</b> | <b>Digital Classic Part</b> |
|------------------------|-----------------------------|
| 1.44 MB                | See CD/FDD Combo            |

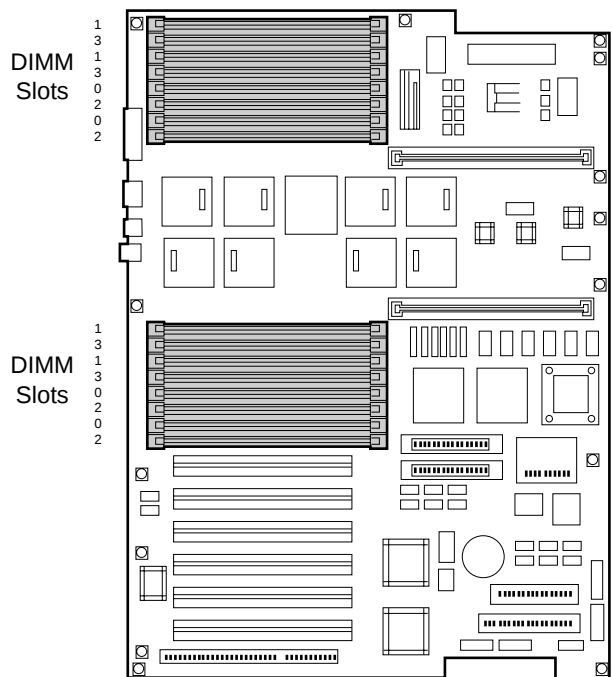
| <b>Cables</b>                                                                   | <b>Digital Classic Part</b> |
|---------------------------------------------------------------------------------|-----------------------------|
| Cable Assembly, Flat, 10 Cond, (2) Polarized Receptor Connectors                | 17-03971-09                 |
| Cable Assembly, Flat, 20 Cond, 28 AWG, (2) Polarized Receptor Connectors        | 17-04909-01                 |
| Cable Assembly, Flat, 34 Cond, w/ 2-Polarized IDC Female SKTS (floppy)          | 17-03970-04                 |
| Cable Assembly, Flat, 40 Cond, 28 AWG, Bundled (2) 40 Pos Receptor              | 17-04678-02                 |
| Cable Assembly, Flat, 68 Cond, Bundled, (3) Male Micro D Connectors (LVD Ultra) | 17-04867-01                 |

| <b>Power Supply/Battery</b>                      | <b>Digital Classic Part</b> |
|--------------------------------------------------|-----------------------------|
| Power Supply, 375 W, PFC, w/ I Squared C Options | 30-50662-01                 |

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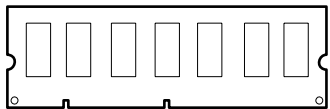
## Memory Upgrade Chart

SYSTEM BOARD  
54-24756-03  
256 MB, 512 MB, or 1 GB  
ECC SDRAM memory standard



A memory option consists of four DIMMs.  
All four DIMMs in an option must be the same size.  
Memory options must be installed in slots designated for each bank.  
The first bank goes into slots marked 0, the second bank into slots marked 1, and so on.

A MAXIMUM OF 4 GB TOTAL MEMORY



|                            |                    |
|----------------------------|--------------------|
| 256-MB 100 MHz SDRAM DIMMs | OPTION PN MS310-CA |
| 512-MB 100 MHz SDRAM DIMMs | OPTION PN MS340-DA |
| 1-GB 100 MHz SDRAM DIMMs   | OPTION PN MS340-EA |