# AlphaServer ES47 Tower System, EV7/1000,64bits

Mandatory

**3** Memory Options 1-4

512MB RAID 128MB — 3X-MS7AB-AA, 3X-MS7AB-AC

1GB 256MB — 3X-MS7AB-BA, 3X-MS7AB-BC

2GB 512MB — 3X-MS7AB-CA, 3X-MS7AB-CC

Max memory= 4x2GB
RAID is optional

1000MHz EV7

**2** CPU Building Block

CPU Building Block 3X-KN73A-AB
Memory Raid Memory Raid
CPU 1 1000MHz, CPU 2 1000MHz, Tru64
InterProcessor Connection

3X-KN73A-AB Tru64 UNIX
3X-KN73A-BC Open VMS

Tru64 UNIX

**1** ES47 Base System

Space for one CPU BB
PWR PWR DA-20AAA-AB
AlphaServer ES47 System Tower 2P
RW CD 24x
Ultra3 3.5" 3.5"
6 3.3V 133
5 1.5V AGP
4 3.3V 66
3 3.3V 66
2 3.3V 66
1 3.3V 66MHz

DA-20AAA-AB Tru64 UNIX
DY-20AAA-AB OpenVMS

2xUSB for
-Kb and
-Mouse

**4** System Disk 1-2

A3079 36GB — 3R-A3079-AA 36GB,15k

A3050 72GB — 3R-A3050-AA 72GB,10k

**5** Ethernet OR Gigabit

3X-DE602-BB — 3X-DE602-BB Dual port

3X-DEGXA-TA — 3X-DEGXA-TA UTP/RJ45

Graphics

SN-PBXGF-BC — SN-PBXGF-BC 3Dlabs Oxygen VX1 AGP 2D

SN-PBXGG-AB — SN-PBXGG-AB ATI Radeon 7500 2D AGP

**6** Mouse and Keyboard

SN-PBQWS-WB Mouse USB
3R-LKQ50-AA USB UNIX
3X-LK463-A2 USB OVMS

2x Power Cord

BN19C-2E PowerCable C-Europe
BN19C-2E PowerCable C-Europe

Gigabit
10/100

Monit 17"C

Tru64 UNIX
1000MHz EV7

CPU Building Block 3X-KN73A-BB
Memory Raid Memory Raid
512MB 128MB 512MB 128MB
CPU 1 1000MHz, CPU 2 1000MHz, Tru64
InterProcessor Connection
PWR PWR DA-20AAA-AB
AlphaServer ES47 System Tower 2P
RW CD
Ultra3 A3079 36GB A3050 72GB
SN-PBXGG-AB 133 AGP
3X-DE602-BB 66
3X-DEGXA-TA 66
66
66MHz

SN-PBQWS-WB Mouse USB
3R-LKQ50-AA USB UNIX

BN19C-2E PowerCable C-Europe
BN19C-2E PowerCable C-Europe

InterProcessor Connection

N M W CPU 0 E S I/O
N M W CPU 1 E S I/O

Emb I/O
Embedded I/O

AlphaServer ES47 Tower

## BOM of the UNIX system above

| | Part Number | Qty | Description |
|---|---|---|---|
| 1 | DA-20AAA-AB | 1 | AS ES47 Base System Tru64 UNIX Tower |
| 1.1 | 3R-A3050-AA | 1 | 72.8GB 10000r Ultra3 SCSI disk 1" |
| 1.2 | 3R-A3079-AA | 1 | 36.4GB Uscsi3 15k Universal disk 1" |
| 1.3 | 3X-DE602-BB | 1 | 10/100 2xChannel Fast Ethernet, UTP |
| 1.4 | 3X-DEGXA-TA | 1 | GigabitEthernet single-p 66MHz 3.3V |
| 1.5 | 3X-KN73A-BB | 1 | ES47 Tower CPU-BB 2xEV7 1000MHz Tru64 UN |
| 1.5.1 | 3X-MS7AB-AA | 1 | GS-ES 512MB Memory Option 4x128 RDRAM |
| 1.5.1.1 | 3X-MS7AB-AC | 1 | GS-ES 128MB RAID Memory 1x128 RDRAM |
| 1.5.2 | 3X-MS7AB-AA | 1 | GS-ES 512MB Memory Option 4x128 RDRAM |
| 1.5.2.1 | 3X-MS7AB-AC | 1 | GS-ES 128MB RAID Memory 1x128 RDRAM |
| 1.6 | SN-PBXGG-AB | 1 | ATI Radeon 7500 2D AGP graphics accelara |
| 2 | 3R-A3389-AA | 1 | COMPAQ Monitor P720 17" NH, EU VGAcable |
| 3 | BN19C-2E | 2 | PowerCable 240V, C-Europe |
| 4 | SN-PBQWS-WB | 1 | Compaq 3-button mouse, USB |
| 5 | 3R-LKQ50-AA | 1 | U.S/English keyboard Tru64 UNIX, USB |

## AlphaStation Base Systems

| Part Number | Qty | Description |
|---|---|---|
| DA-20AAA-AC | 1 | AS ES47 AlphaStation Tru64 UNIX Tower |
| DY-20AAA-AC | 1 | AS ES47 AlphaStation OpenVMS Tower |

| | @1000MHz |
|---|---|
| SPECint2000 | 775 |
| SPECfp2000 | 1275 |

Software Processor Code: E

Cluster Software Code: C

For more detailed configuring, please consult the latest HP QuickSpecs.

Generated with fresh GOLDEN EGGS Software, Rev:28-Oct-2002 Since:Oct-2002 www.Compaq.com/golden-eggs

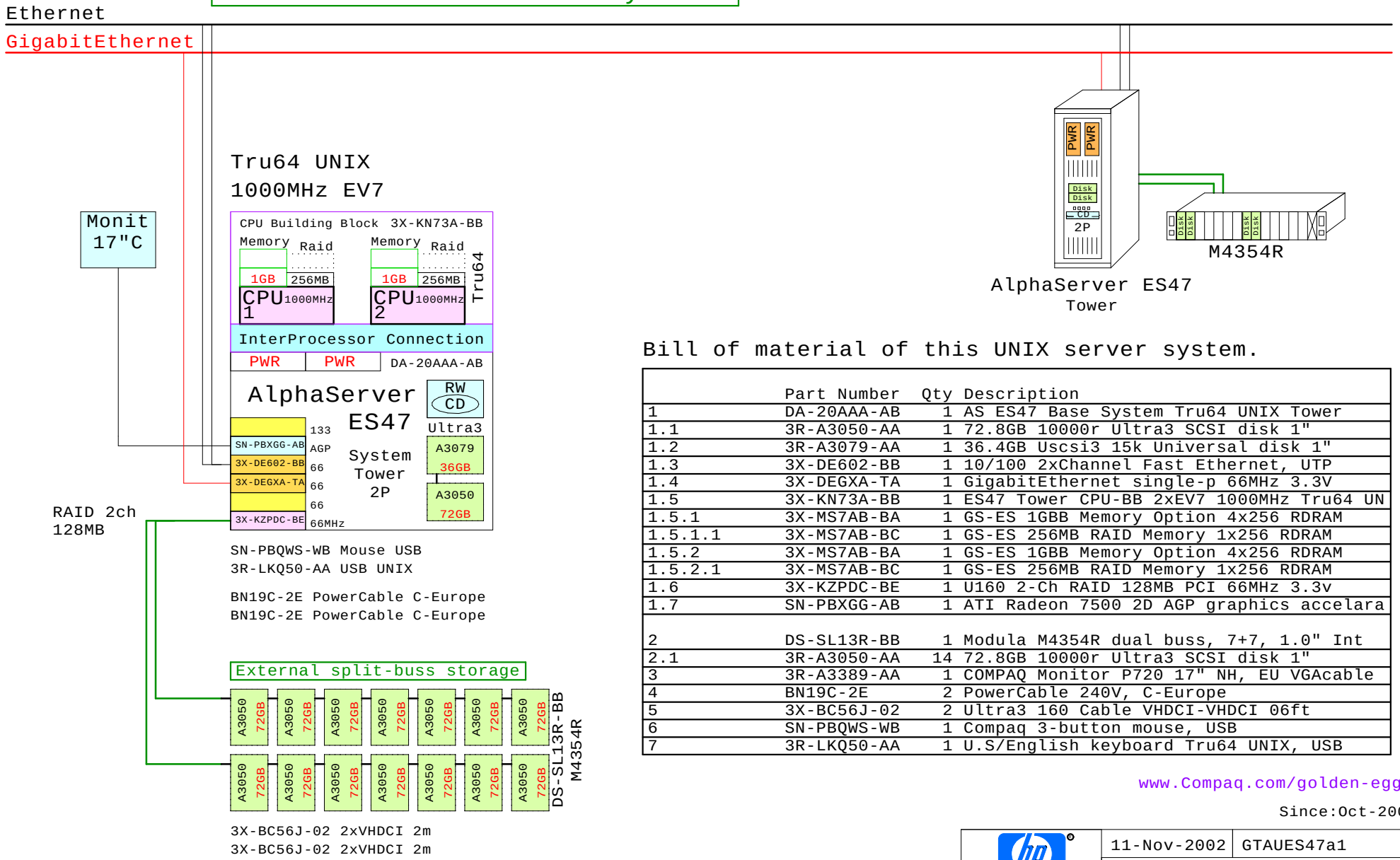
ES47 Tower

11-Nov-2002 GEAES47a1

Matti.Patari@HP.com

AlphaServer ES47 Tower 1000MHz
GOLDEN EGGS Visuals, Helsinki

# ES47 Tower Tru64 UNIX system




## Bill of material of this UNIX server system.

| | Part Number | Qty | Description |
|---|---|---|---|
| 1 | DA-20AAA-AB | 1 | AS ES47 Base System Tru64 UNIX Tower |
| 1.1 | 3R-A3050-AA | 1 | 72.8GB 10000r Ultra3 SCSI disk 1" |
| 1.2 | 3R-A3079-AA | 1 | 36.4GB Uscsi3 15k Universal disk 1" |
| 1.3 | 3X-DE602-BB | 1 | 10/100 2xChannel Fast Ethernet, UTP |
| 1.4 | 3X-DEGXA-TA | 1 | GigabitEthernet single-p 66MHz 3.3V |
| 1.5 | 3X-KN73A-BB | 1 | ES47 Tower CPU-BB 2xEV7 1000MHz Tru64 UN |
| 1.5.1 | 3X-MS7AB-BA | 1 | GS-ES 1GBB Memory Option 4x256 RDRAM |
| 1.5.1.1 | 3X-MS7AB-BC | 1 | GS-ES 256MB RAID Memory 1x256 RDRAM |
| 1.5.2 | 3X-MS7AB-BA | 1 | GS-ES 1GBB Memory Option 4x256 RDRAM |
| 1.5.2.1 | 3X-MS7AB-BC | 1 | GS-ES 256MB RAID Memory 1x256 RDRAM |
| 1.6 | 3X-KZPDC-BE | 1 | U160 2-Ch RAID 128MB PCI 66MHz 3.3v |
| 1.7 | SN-PBXGG-AB | 1 | ATI Radeon 7500 2D AGP graphics accelara |
| | | | |
| 2 | DS-SL13R-BB | 1 | Modula M4354R dual buss, 7+7, 1.0" Int |
| 2.1 | 3R-A3050-AA | 14 | 72.8GB 10000r Ultra3 SCSI disk 1" |
| 3 | 3R-A3389-AA | 1 | COMPAQ Monitor P720 17" NH, EU VGAcable |
| 4 | BN19C-2E | 2 | PowerCable 240V, C-Europe |
| 5 | 3X-BC56J-02 | 2 | Ultra3 160 Cable VHDCI-VHDCI 06ft |
| 6 | SN-PBQWS-WB | 1 | Compaq 3-button mouse, USB |
| 7 | 3R-LKQ50-AA | 1 | U.S/English keyboard Tru64 UNIX, USB |

www.Compaq.com/golden-eggs

Since:Oct-2002

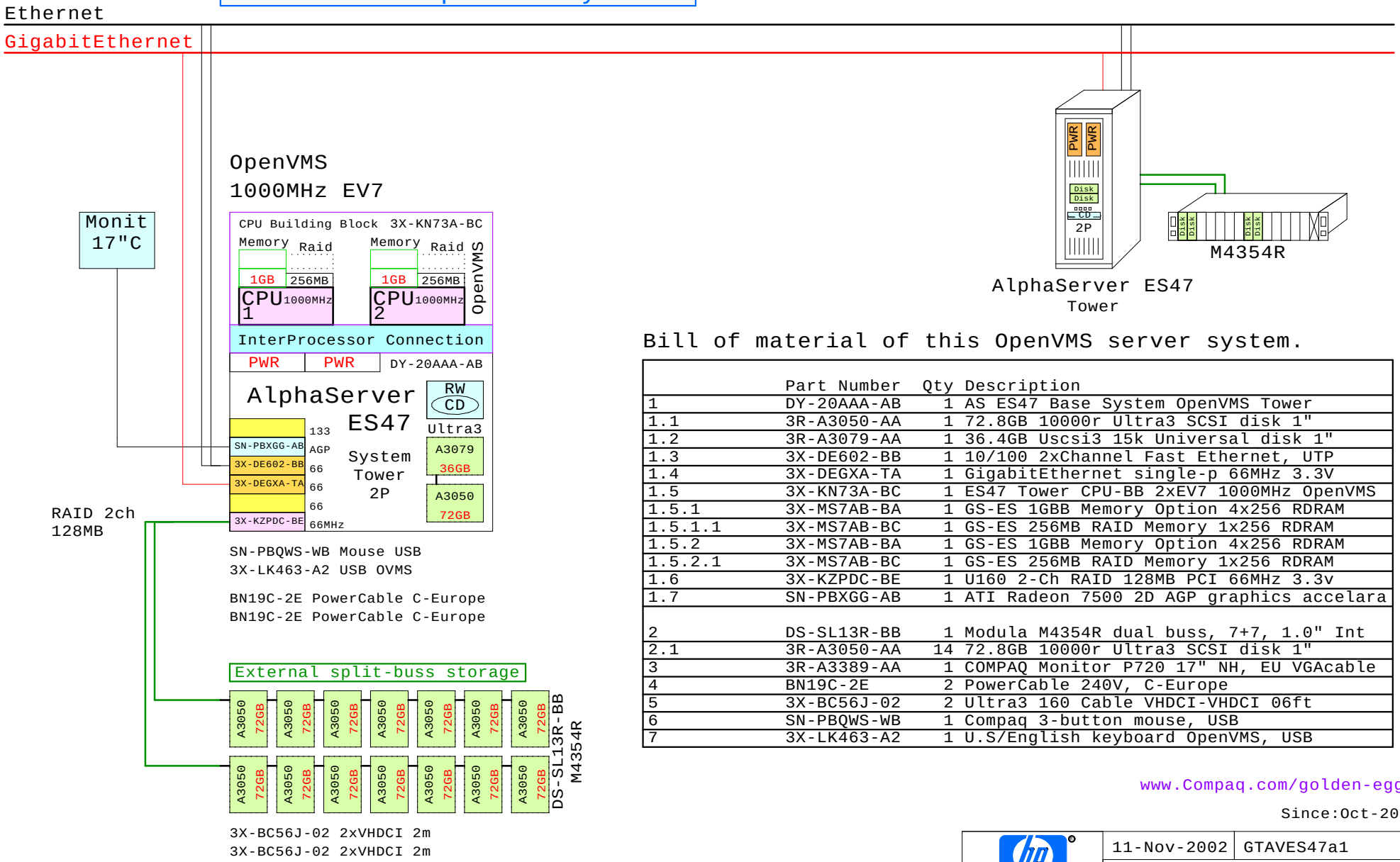
| | | |
|---|---|---|
| hp invent | 11-Nov-2002 | GTAUES47a1 |
| | Matti.Patari@HP.com | |

AlphaServer ES47 Tower UNIX
GOLDEN EGGS Visuals, Helsinki

Generated with fresh GOLDEN EGGS Software, Rev:28-Oct-2002

ES47 Tower UNIX

# ES47 Tower OpenVMS System




## Bill of material of this OpenVMS server system.

| | Part Number | Qty | Description |
|---|---|---|---|
| 1 | DY-20AAA-AB | 1 | AS ES47 Base System OpenVMS Tower |
| 1.1 | 3R-A3050-AA | 1 | 72.8GB 10000r Ultra3 SCSI disk 1" |
| 1.2 | 3R-A3079-AA | 1 | 36.4GB Uscsi3 15k Universal disk 1" |
| 1.3 | 3X-DE602-BB | 1 | 10/100 2xChannel Fast Ethernet, UTP |
| 1.4 | 3X-DEGXA-TA | 1 | GigabitEthernet single-p 66MHz 3.3V |
| 1.5 | 3X-KN73A-BC | 1 | ES47 Tower CPU-BB 2xEV7 1000MHz OpenVMS |
| 1.5.1 | 3X-MS7AB-BA | 1 | GS-ES 1GBB Memory Option 4x256 RDRAM |
| 1.5.1.1 | 3X-MS7AB-BC | 1 | GS-ES 256MB RAID Memory 1x256 RDRAM |
| 1.5.2 | 3X-MS7AB-BA | 1 | GS-ES 1GBB Memory Option 4x256 RDRAM |
| 1.5.2.1 | 3X-MS7AB-BC | 1 | GS-ES 256MB RAID Memory 1x256 RDRAM |
| 1.6 | 3X-KZPDC-BE | 1 | U160 2-Ch RAID 128MB PCI 66MHz 3.3v |
| 1.7 | SN-PBXGG-AB | 1 | ATI Radeon 7500 2D AGP graphics accelara |
| 2 | DS-SL13R-BB | 1 | Modula M4354R dual buss, 7+7, 1.0" Int |
| 2.1 | 3R-A3050-AA | 14 | 72.8GB 10000r Ultra3 SCSI disk 1" |
| 3 | 3R-A3389-AA | 1 | COMPAQ Monitor P720 17" NH, EU VGAcable |
| 4 | BN19C-2E | 2 | PowerCable 240V, C-Europe |
| 5 | 3X-BC56J-02 | 2 | Ultra3 160 Cable VHDCI-VHDCI 06ft |
| 6 | SN-PBQWS-WB | 1 | Compaq 3-button mouse, USB |
| 7 | 3X-LK463-A2 | 1 | U.S/English keyboard OpenVMS, USB |

www.Compaq.com/golden-eggs

Since:Oct-2002

11-Nov-2002 GTAVES47a1

Matti.Patari@HP.com

AlphaServer ES47 Tower OpenVMS
GOLDEN EGGS Visuals, Helsinki

Generated with fresh GOLDEN EGGS Software, Rev:28-Oct-2002

ES47 Tower OVMS