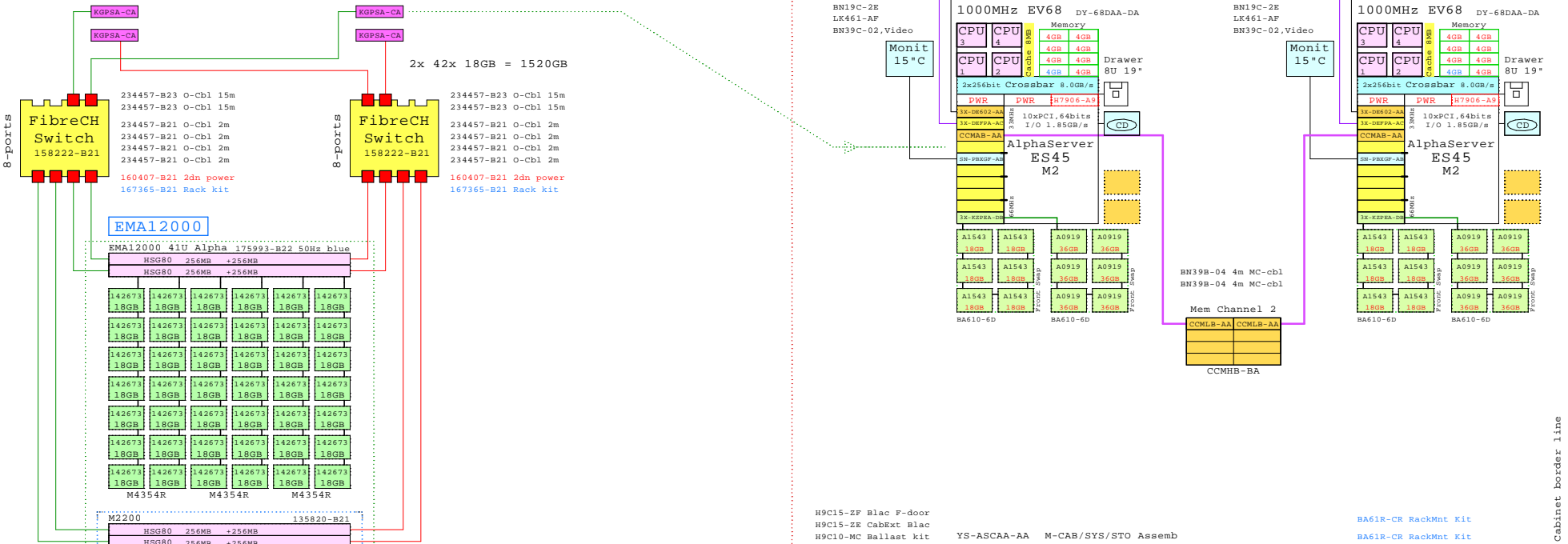


ES45 Model 2 OpenVMS Cluster with external storage

Ethernet
FDDI

Host kit: OpenVMS
380555-001 Alp/OVMS

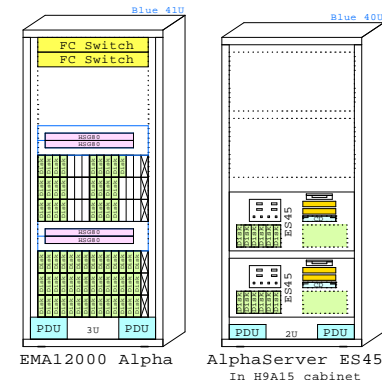


BOM of External Storage

Part Number	Qty	Description
1	1	175993-B22 1 EMA1200 Ext 41U 50Hz blue
1.1	2	128697-B21 2 ACS V8.5F controller FCAL/PCSW
1.2	1	135820-B21 1 Modula M2200 shelf, NO controller
1.2.1	2	128697-B21 2 ACS V8.5F controller FCAL/PCSW
1.2.2	2	135823-B21 2 HSGXX Single external cache battery
1.2.3	6	168256-B21 6 SCSI cable VHDCl-VHDCl, 1m
1.2.4	1	176622-B21 1 HSG80 FC Contr with 256MB cache
1.2.4.1	1	380674-B21 1 Cache Upg RABK ESA12k 256MB
1.2.5	1	176622-B21 1 HSG80 FC Contr with 256MB cache
1.2.5.1	1	380674-B21 1 Cache Upg RABK ESA12k 256MB
1.2.6	1	190211-B31 1 Modula M4354R dual buss, 7+7, 1.0"
1.2.6.1	42	18.20GB 10000r Ultra3 SCSI disk 1"
1.2.7	1	190211-B31 1 Modula M4354R dual buss, 7+7, 1.0"
1.2.7.1	1	142673-B22 8 18.20GB 10000r Ultra3 SCSI disk 1"
1.2.8	1	190211-B31 1 Modula M4354R dual buss, 7+7, 1.0"
1.2.8.1	9	18.20GB 10000r Ultra3 SCSI disk 1"
1.3	1	135823-B21 2 HSGXX Single external cache battery
1.4	1	142673-B22 42 18.20GB 10000r Ultra3 SCSI disk 1"
1.5	1	176622-B21 1 HSG80 FC Contr with 256MB cache
1.5.1	1	380674-B21 1 Cache Upg RABK ESA12k 256MB
1.6	1	176622-B21 1 HSG80 FC Contr with 256MB cache
1.6.1	1	380674-B21 1 Cache Upg RABK ESA12k 256MB
2	1	158222-B21 1 SAN Switch 8 Ports
2.1	6	PC Optical Short Wave GRIC 500
2.2	1	158222-B21 1 SAN Switch 8 Ports
3	1	380561-B21 6 PC Optical Short Wave GRIC 500
4	1	160407-B21 2 SAN switch redundant power supply
5	4	234457-B23 4 Fibre Channel 15m Optical Cable
6	1	167365-B21 2 Rack mount kit for SAN switch
7	1	234457-B21 8 Fibre Channel 02m Optical Cable
8	1	380555-001 1 OS Platf Softw Kit for FC Alpha OVMS
9	4	Host Bus Cntr KPQSA-CA,OVMS,UNIX

BOM of Dual ES45 Cabinet

Part Number	Qty	Description
1	1	H9A15-MP 1 M-Series Cab,H9A15,Black,240V 40U
1.1	3	3R-A2832-AA 2 COMPAQ Monitor 8510 15" NH, EU
1.2	2	BA618-CK 2 ES45 Rackmount Kit, 3x pwr cords
1.3	2	BN19C-2E 2 PowerCable 240V, 6-Europe
1.4	2	BN19B-04 2 04m copper cbl for CCMB Mem.Chan
1.5	2	BN19C-02 2 1.8 Video Extension Cable ****
1.6	1	CCMHB-BA 1 Hub for Mem.Chan-2 w NO linecards
1.6.1	2	Line Card for CCMHB Mem.Chan-2 Hub
1.7	1	DY-68DAA-DA 1 ES45 68/1000 Model 2 4GB OVMS 10PCI DWR
1.7.1	1	10/100 2xChannel Ethernet, Twisted
1.7.2	1	3X-DEPPA-AC 1 PCI to FDDI SAS MMF with 3C,Universal
1.7.3	1	3X-KZPBA-DB 1 PCI 2chan SCSI Ultra3 LVD
1.7.4	1	BA610-6D 1 ES40 Disk Drive Cage, 6-Bay
1.7.4.1	6	18.2GB Uscsi3 15k Universal disk 1"
1.7.5	1	BA610-6D 1 ES40 Disk Drive Cage, 6-Bay
1.7.5.1	3	ES45 68/1000MHz OVMS SMP 8mb cache
1.7.6	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster entrl
1.7.7	1	H7906-AA 1 ES40 Power Sply, 2nd or 3rd
1.7.8	1	ES45 68/1000MHz OVMS SMP 8mb cache
1.7.9	1	MS620-DA 7 ES45 4GB Memory Option
1.7.10	1	SN-PBXGP-AB 1 3DLabs Oxygen VXI 32MB PCI 2D graphics
1.8	1	DY-68DAA-DA 1 ES45 68/1000 Model 2 4GB OVMS 10PCI DWR
1.8.1	1	3X-DE602-AA 1 10/100 2xChannel Ethernet, Twisted
1.8.2	1	3X-DEPPA-AC 1 PCI to FDDI SAS MMF with 3C,Universal
1.8.3	1	3X-KZPBA-DB 1 PCI 2chan SCSI Ultra3 LVD
1.8.4	1	BA610-6D 1 ES40 Disk Drive Cage, 6-Bay
1.8.4.1	6	18.2GB Uscsi3 15k Universal disk 1"
1.8.5	1	ES40 Disk Drive Cage, 6-Bay
1.8.5.1	3	ES45 68/1000MHz OVMS SMP 8mb cache
1.8.6	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster entrl
1.8.7	1	H7906-AA 1 ES40 Power Sply, 2nd or 3rd
1.8.8	1	ES45 68/1000MHz OVMS SMP 8mb cache
1.8.9	7	ES45 4GB Memory Option
1.8.10	1	3DLabs Oxygen VXI 32MB PCI 2D graphics
1.9	1	H9C10-MC 1 Ballast Kit for cabinets
1.10	1	H9C15-ZE 1 Rear cab extender for H9A15 Black
1.11	1	FrontDoorKit Black for H9A15
1.12	1	LK461-AF 2 VMS STYLE KEYBOARD, Pin/Swed
1.13	1	YS-ASCAA-AA 1 M-CAB/SYS/STO Assembly



www.Compaq.com/golden-eggs
Since: Oct-2001

COMPAQ 05-Mar-2002 GTAVES45
Matti.Patari@compaq.com

AlphaServer ES45 OVMS Cluster
GOLDEN EGGS Visuals, Helsinki

This template is included in the present GOLDEN EGGS Software kit.