

AlphaServer GS80 M4 and M8, 67/731 Systems

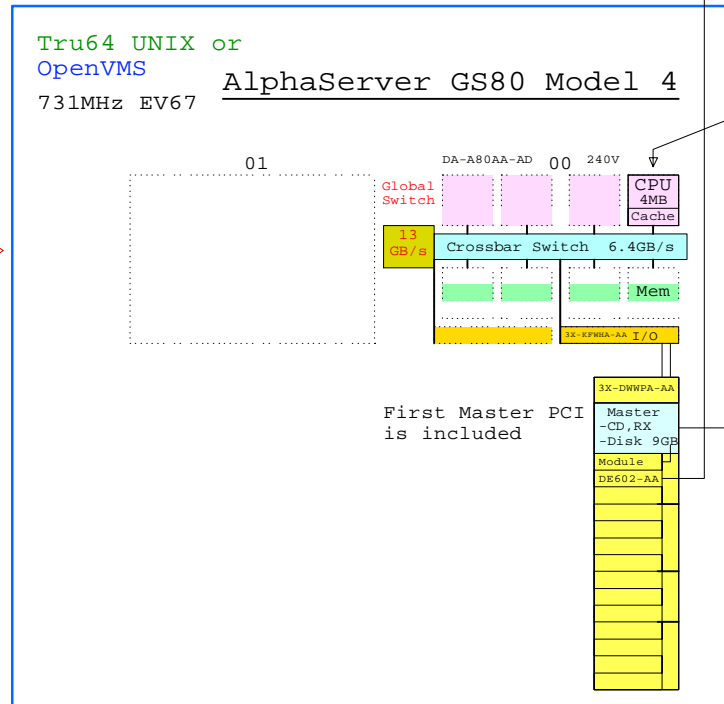
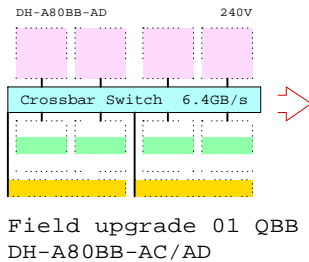
AlphaServer GS80 Model 4

DA-A80AA-AC/AD/AE Model 4 Tru64 UNIX
 DY-A80AA-AC/AD/AE Model 4 OpenVMS
 US/EU/JP

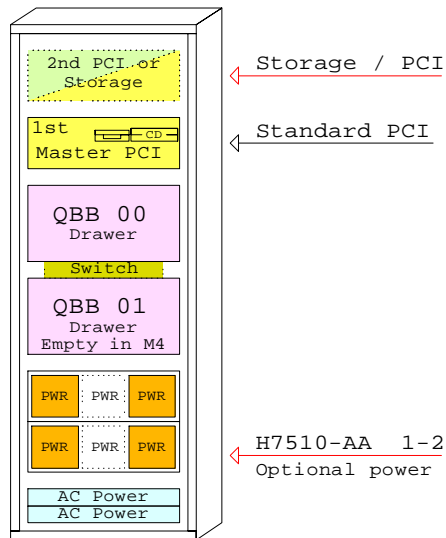
AlphaServer GS80 Model 8

DA-A80BA-AC/AD/AE Model 8 Tru64 UNIX
 DY-A80BA-AC/AD/AE Model 8 OpenVMS

Upgrade: M4->M8

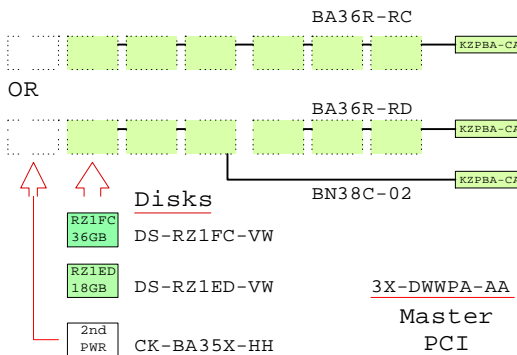


HxWxD 170x80x100cm



AlphaServer GS80

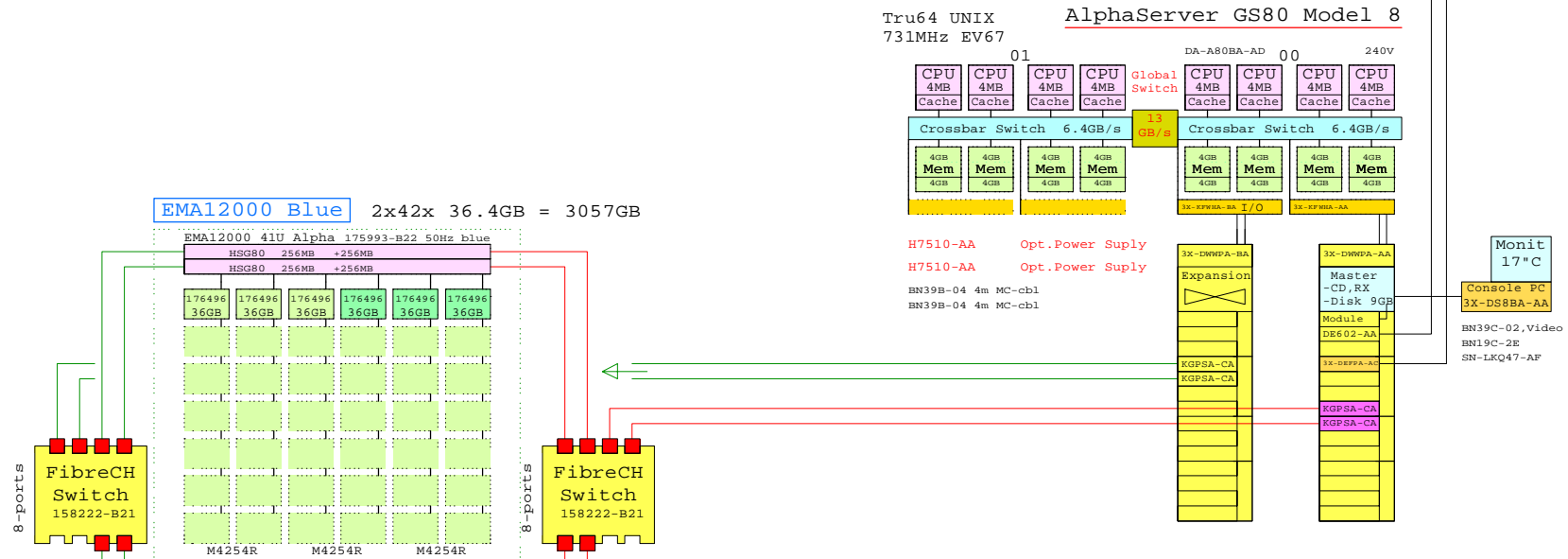
One optional storage shelf



GS80

AlphaServer GS80 Tru64 UNIX System, 8xCPU, 64GB

Ethernet
FDDI



EMA12000 Blue 2x42x 36.4GB = 3057GB

EMA12000 41U Alpha 175993-B22 50Hz blue

HSG80	256MB	+256MB
HSG80	256MB	+256MB
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	

M4254R M4254R M4254R

M2200 135820-B21

HSG80	256MB	+256MB
HSG80	256MB	+256MB
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	
176496	36GB	

138151-B31 138151-B31 138151-B31
M4254R M4254R M4254R

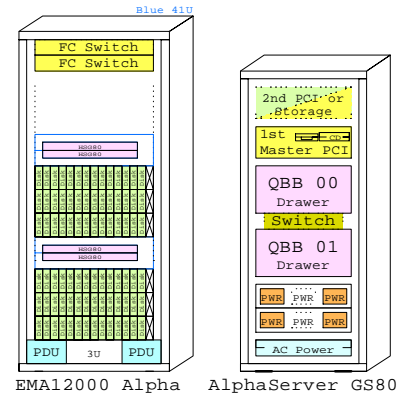
168256-B21 SCSI 1m 135823-B21 Cache BB
168256-B21 SCSI 1m 135823-B21 Cache BB
168256-B21 SCSI 1m
168256-B21 SCSI 1m 128697-B21 ACS 8.5F
168256-B21 SCSI 1m 128697-B21 ACS 8.5F
168256-B21 SCSI 1m

Host kit:Tru64 UNIX
380553-001 Alp/UNIX

234457-B23	O-Chbl	15m	234457-B23	O-Chbl	15m
234457-B23	O-Chbl	15m	234457-B23	O-Chbl	15m
234457-B21	O-Chbl	2m	234457-B21	O-Chbl	2m
234457-B21	O-Chbl	2m	234457-B21	O-Chbl	2m
234457-B21	O-Chbl	2m	234457-B21	O-Chbl	2m
234457-B21	O-Chbl	2m	234457-B21	O-Chbl	2m
160407-B21	2dn power		160407-B21	2dn power	
167365-B21	Rack kit		167365-B21	Rack kit	

BOM of this system

Part Number	Qty	Description
3R-VROP7-24	1	COMPAQ P75 CLR MON,NH,TCO99
3X-DEFFA-AC	1	PCI to FDDI SAS MMF with SC,Universal
3X-DSSBA-AA	1	PC-based system console, tower, US
3X-DWMPA-BA	1	PCI Shelf Expansion for GS160/320
3X-KFWHA-BA	1	I/O module for AS GS80, !! 2xCbl
3X-KNBAA-AB	7	CPU Module GS80 6/731MHz Tru64 UNIX
3X-MSBAA-DB	8	4GB AlphaServer GS320 Memory module
3X-MSBAA-DU	8	4GB AlphaServer GS320 Memory DIMM
128697-B21	4	ACS V8.5F controller FCAL/FCSW
135820-B21	1	Modula M2200 shelf, NO controller
135823-B21	1	HSGxx Single external cache battery
138151-B31	3	Modula M4254R dual buss, 7+7, 1.0"
158222-B21	2	SAN Switch 8 Ports
160407-B21	2	SAN switch redundant power supply
167365-B21	2	Rack mount kit for SAN switch
168256-B21	6	SCSI cable VHDCI-VHDCI, 1m
168794-B21	4	Host Buss Cntr KGPSA-CA,OVMS,UNIX
175993-B22	1	EMA12000 6x7 41U 50Hz blue
176496-B22	12	36GB 10000r Ultra3 SCSI disk 1"
176622-B21	4	HSG80 FC Contr with 256MB cache
234457-B21	8	Fibre Channel 02m Optical Cable
234457-B23	4	Fibre Channel 15m Optical Cable
380553-001	1	OS Platf,Softw,Kit for FC Alpha UNIX
380561-B21	12	FC Optical Short Wave GBIC
380674-B21	4	Cache Upgr RA8k ESA12k 256MB
BN19C-2E	1	PowerCable 240V, C-Europe
BN39B-04	2	04m copper cbl for COMAB Mem.Chan
BN39C-02	1	1.8 Video Extension Cable ****
DA-A80BA-AD	1	AS GS80 Mob for 08 CPU 240V EU UNIX
H7510-AA	2	Power Supply for AS GS80 Need: 1 or 2
SN-LKQ47-AF	1	102 KEY KYBD, NON-WIN, Finnish



EMA12000 Alpha AlphaServer GS80

www.Compaq.com/golden-eggs
Since Sep-2000

COMPAQ	23-Feb-2001	GTAUGS803
	Matti.Patari@compaq.com	

AlphaServer GS80 UNIX System
GOLDEN EGGS Visuals, Helsinki

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

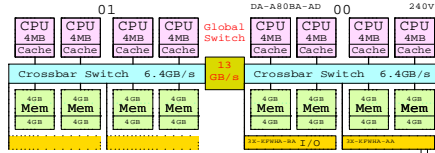
GS80 UNIX

Ethernet FDDI Ethernet FDDI

AlphaServer GS80 TruCluster

Tru64 UNIX 731MHz EV67

AlphaServer GS80 Model 8



H7510-AA Opt.Power Supply
H7510-AA Opt.Power Supply

BN39B-04 4m MC-cbl
BN39B-04 4m MC-cbl

3X-DWPA-AA
3X-DSBA-AA

3X-DWPA-AA
3X-DSBA-AA

Monitor 17°C
Console PC
3X-DSBA-AA

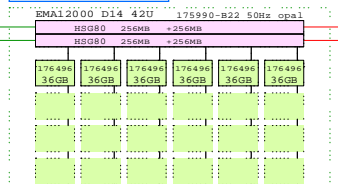
BN19C-02, Video
BN19C-2E
SN-LK047-AF

BN39B-10 10m MC-cbl
BN39B-10 10m MC-cbl

BOM of the shared Storage

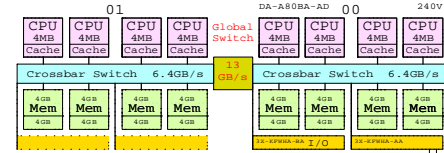
Part Number	Qty	Description
128697-B21	6	ACS V8 SF controller FCAL/FCSW
13523-B21	6	HS02x Single external cache battery
15822-B21	2	SAN Switch 8 Ports
160407-B21	2	Rack switch redundant power supply
167365-B21	2	Rack mount kit for SAN switch
175990-B22	1	EMA12000 D14 42U 50Hz opal
176496-B22	18	36GB 10000r Ultra3 SCSI disk 1"
176622-B21	6	HS080 FC Contr with 256MB cache
234457-B21	12	Fibre Channel 02m Optical Cable
234457-B23	4	Fibre Channel 15m Optical Cable
380553-001	1	OS Platf.Softw.Kit for FC Alpha UNIX
380561-B21	16	FC Optical Short Wave GBIC
380674-B21	6	Cache Upg RASK ESAL2K 256MB

EMA12000 D14 3x42x 36.4GB = 4586GB



Tru64 UNIX 731MHz EV67

AlphaServer GS80 Model 8



H7510-AA Opt.Power Supply
H7510-AA Opt.Power Supply

BN39B-04 4m MC-cbl
BN39B-04 4m MC-cbl

3X-DWPA-AA
3X-DSBA-AA

3X-DWPA-AA
3X-DSBA-AA

Monitor 17°C
Console PC
3X-DSBA-AA

BN19C-02, Video
BN19C-2E
SN-LK047-AF

BN39B-10 10m MC-cbl
BN39B-10 10m MC-cbl

Dual Memory Channel

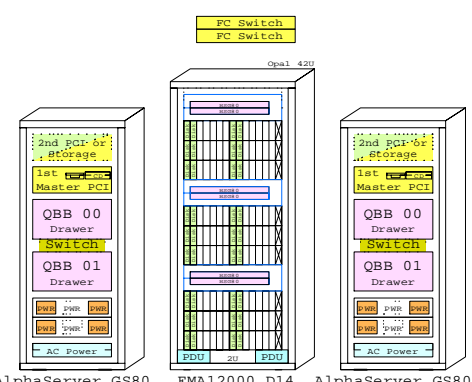
BOM of this GS80 TruCluster

Part Number	Qty	Description
1	1	175990-B22 1 EMA12000 D14 42U 50Hz opal
1.1	6	128697-B21 6 ACS V8 SF controller FCAL/FCSW
1.2	6	13523-B21 6 HS02x Single external cache battery
1.3	18	176496-B22 18 36GB 10000r Ultra3 SCSI disk 1"
1.4	6	176622-B21 6 HS080 FC Contr with 256MB cache
1.4.1	1	380674-B23 1 Cache Upg RASK ESAL2K 256MB
1.5	1	176622-B21 1 HS080 FC Contr with 256MB cache
1.5.1	1	380674-B21 1 Cache Upg RASK ESAL2K 256MB
1.6	1	176622-B21 1 HS080 FC Contr with 256MB cache
1.6.1	1	380674-B21 1 Cache Upg RASK ESAL2K 256MB
1.7	1	176622-B21 1 HS080 FC Contr with 256MB cache
1.7.1	1	380674-B21 1 Cache Upg RASK ESAL2K 256MB
1.8	1	176622-B21 1 HS080 FC Contr with 256MB cache
1.8.1	1	380674-B21 1 Cache Upg RASK ESAL2K 256MB
1.9	1	176622-B21 1 HS080 FC Contr with 256MB cache
1.9.1	1	380674-B21 1 Cache Upg RASK ESAL2K 256MB
2	1	DA-A80BA-AD 1 AS GS80 M08 for 08 CPU 240V RU UNIX
2.1	1	168794-B21 1 Host Bus Cntr KGPSA-CA,OVMS,UNIX
2.2	1	3X-DWPA-AC 1 PCI to FDDI SAS MMF with SC,Universal
2.3	1	3X-DWPA-BA 1 PCI Shelf Expansion for GS160/320
2.3.1	1	168794-B21 1 Host Bus Cntr KGPSA-CA,OVMS,UNIX
2.3.2	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster cntrl
2.4	1	3X-KFWHA-BA 1 I/O module for AS GS80, 1" 2xChbl
2.5	7	3X-KNSAA-AB 7 CPU Module GS80 6731MHz Tru64 UNIX
2.6	8	3X-MS8AA-DB 8 4GB AlphaServer GS320 Memory module
2.7	8	3X-MS8AA-DB 8 4GB AlphaServer GS320 Memory DIMM
2.8	2	BN39B-04 2 04m copper cbl for CCMAB Mem.Chan
2.9	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster cntrl
2.10	2	H7510-AA 2 Power Supply for AS GS80 Need: 1 or 2
3	1	DA-A80BA-AD 1 AS GS80 M08 for 08 CPU 240V RU UNIX
3.1	1	168794-B21 1 Host Bus Cntr KGPSA-CA,OVMS,UNIX
3.2	1	3X-DWPA-AC 1 PCI to FDDI SAS MMF with SC,Universal
3.3	1	3X-DWPA-BA 1 PCI Shelf Expansion for GS160/320
3.3.1	1	168794-B21 1 Host Bus Cntr KGPSA-CA,OVMS,UNIX
3.3.2	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster cntrl
3.4	1	3X-KFWHA-BA 1 I/O module for AS GS80, 1" 2xChbl
3.5	7	3X-KNSAA-AB 7 CPU Module GS80 6731MHz Tru64 UNIX
3.6	8	3X-MS8AA-DB 8 4GB AlphaServer GS320 Memory module
3.7	8	3X-MS8AA-DB 8 4GB AlphaServer GS320 Memory DIMM
3.8	2	BN39B-04 2 04m copper cbl for CCMAB Mem.Chan
3.9	1	CCMAB-AA 1 PCI Mem. Channel-2 Cluster cntrl
3.10	2	H7510-AA 2 Power Supply for AS GS80 Need: 1 or 2
4	1	15822-B21 1 SAN Switch 8 Ports
4.1	8	380561-B21 8 FC Optical Short Wave GBIC
5	1	15822-B21 1 SAN Switch 8 Ports
5.1	8	380561-B21 8 FC Optical Short Wave GBIC
6	2	3R-VR0P7-24 2 COMPAQ P75 CLR MON,NH,TC099
7	2	3X-DSBA-AA 2 PC-based system console, tower, US
8	2	160407-B21 2 SAN switch redundant power supply
9	2	234457-B23 4 Fibre Channel 15m Optical Cable
10	2	167365-B21 2 Rack mount kit for SAN switch
11	12	234457-B21 12 Fibre Channel 02m Optical Cable
12	1	380553-001 1 OS Platf.Softw.Kit for FC Alpha UNIX
13	2	BN39B-10 2 10m copper cbl for CCMAB Mem.Chan
14	2	BN19C-02 2 1.8 Video Extension Cable ****
15	1	SN-LK047-AF 2 102 KEY KYBD,NON-WIN, Finnish
16	2	BN19C-2E 2 PowerCable 240V, C-Europe

Part Number	Qty	Description
234457-B23	0	C-bl 15m
234457-B23	0	C-bl 15m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
234457-B21	0	C-bl 2m
160407-B21	2	2dn power
167365-B21	2	Rack kit
M4254R	4	M4254R
M4254R	4	M4254R
M4254R	4	M4254R
135823-B21	Cache	BB 128697-B21 ACS 8.5F
135823-B21	Cache	BB 128697-B21 ACS 8.5F
135823-B21	Cache	BB 128697-B21 ACS 8.5F
135823-B21	Cache	BB 128697-B21 ACS 8.5F
135823-B21	Cache	BB 128697-B21 ACS 8.5F
135823-B21	Cache	BB 128697-B21 ACS 8.5F

BOM of one Host

Part Number	Qty	Description
168794-B21	2	Host Bus Cntr KGPSA-CA,OVMS,UNIX
3R-VR0P7-24	2	COMPAG P75 CLR MON,NH,TC099
3X-DWPA-AC	1	PCI to FDDI SAS MMF with SC,Universal
3X-DSBA-AA	1	PC-based system console, tower, US
3X-DWPA-BA	1	PCI Shelf Expansion for GS160/320
3X-KFWHA-BA	1	I/O module for AS GS80, 1" 2xChbl
3X-KNSAA-AB	7	CPU Module GS80 6731MHz Tru64 UNIX
3X-MS8AA-DB	8	4GB AlphaServer GS320 Memory module
3X-MS8AA-DB	8	4GB AlphaServer GS320 Memory DIMM
BN19C-2E	1	PowerCable 240V, C-Europe
BN39B-04	2	04m copper cbl for CCMAB Mem.Chan
BN19C-02	1	1.8 Video Extension Cable ****
CCMAB-AA	2	PCI Mem. Channel-2 Cluster cntrl
DA-A80BA-AD	1	AS GS80 M08 for 08 CPU 240V RU UNIX
H7510-AA	2	Power Supply for AS GS80 Need: 1 or 2
SN-LK047-AF	1	102 KEY KYBD,NON-WIN, Finnish



AlphaServer GS80 EMA12000 D14 AlphaServer GS80

www.compaq.com/golden-eggs

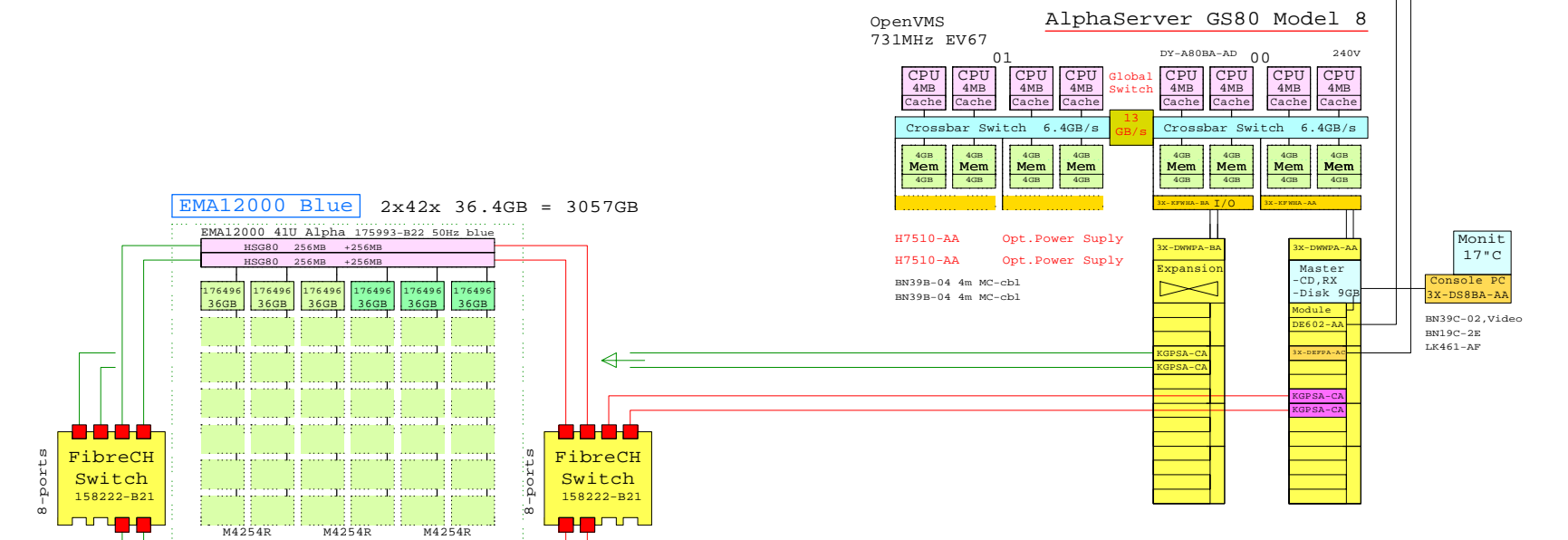
COMPAQ 23-Feb-2001 GTAUGS804 Matti.Patar@compaq.com

GS80 UNIX

AlphaServer GS80 UNIX Cluster GOLDEN EGGS Visuals, Helsinki

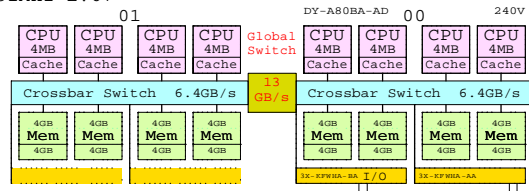
AlphaServer GS80 OpenVMS System, 8xCPU, 64GB

Ethernet
FDDI



EMA12000 Blue 2x42x 36.4GB = 3057GB

OpenVMS AlphaServer GS80 Model 8
731MHz EV67



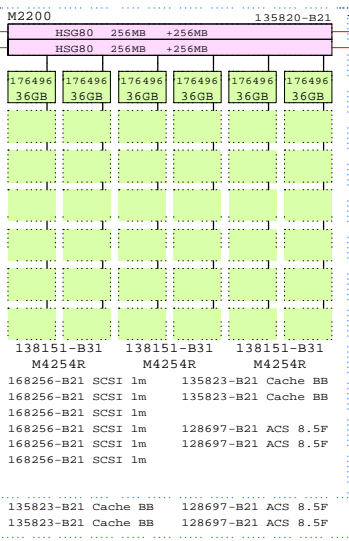
H7510-AA Opt.Power Suply
H7510-AA Opt.Power Suply
BN39B-04 4m MC-cbl
BN39B-04 4m MC-cbl

Monit 17" C
Console PC
3X-DS8BA-AA
BN39C-02,Video
BN19C-2E
LK461-AF

BOM of this system

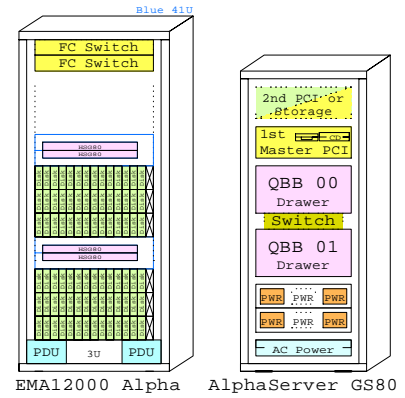
Part Number	Qty	Description
3R-VROP7-24	1	COMPAQ P75 CLR MON,NH,TCO99
3X-DEFFA-AC	1	PCI to FDDI SAS MMF with SC,Universal
3X-DS8BA-AA	1	PC-based system console, tower, US
3X-DWMPA-BA	1	PCI Shelf Expansion for GS160/320
3X-KFWHA-BA	1	I/O module for AS GS80, !! 2xCbl
3X-KNBAA-AC	7	CPU Module GS80 6/731MHz OpenVMS
3X-MSBAA-DB	8	4GB AlphaServer GS320 Memory module
3X-MSBAA-DU	8	4GB AlphaServer GS320 Memory DIMM
128697-B21	4	ACS V8.5F controller FCAL/PCSW
135820-B21	1	Modula M2200 shelf, NO controller
135823-B21	4	HSGxx Single external cache battery
138151-B31	3	Modula M4254R dual buss, 7+7, 1.0"
158222-B21	2	SAN Switch 8 Ports
160407-B21	2	SAN switch redundant power supply
167365-B21	2	Rack mount kit for SAN switch
168256-B21	6	SCSI cable VHDCI-VHDCI, 1m
168794-B21	4	Host Buss Cntr KGPSA-CA,OVMS,UNIX
175993-B22	1	EMA12000 6x7 41U 50Hz blue
176496-B22	12	36GB 10000r Ultra3 SCSI disk 1"
176622-B21	4	HSG80 FC Contr with 256MB cache
234457-B21	8	Fibre Channel 02m Optical Cable
234457-B23	4	Fibre Channel 15m Optical Cable
380555-001	1	OS Platf,Softw,Kit for FC Alpha OVMS
380561-B21	12	FC Optical Short Wave GBIC
380674-B21	4	Cache Upg RA8k ESA12k 256MB
BN19C-2E	1	PowerCable 240V, C-Europe
BN39B-04	2	04m copper cbl for COMAB Mem.Chan
BN39C-02	1	1.8 Video Extension Cable ****
DY-A80BA-AD	1	AS GS80 M08 for 08 CPU 240V EU OVMS
H7510-AA	2	Power Suply for AS GS80 Need: 1 or 2
LK461-AF	1	VMS STYLE KEYBOARD, Fin/Swed

234457-B23 O-Cbl 15m
234457-B23 O-Cbl 15m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
160407-B21 2dn power
167365-B21 Rack kit



Host kit: OpenVMS
380555-001 Alp/OVMS

234457-B23 O-Cbl 15m
234457-B23 O-Cbl 15m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
234457-B21 O-Cbl 2m
160407-B21 2dn power
167365-B21 Rack kit



EMA12000 Alpha AlphaServer GS80

www.Compaq.com/golden-eggs
Since Sep-2000

COMPAQ 14-Sep-2000 GTAVGS803
Matti.Patari@compaq.com

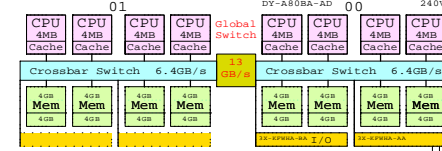
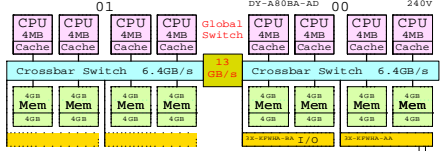
GS80 OVMS
AlphaServer GS80 OpenVMS System
GOLDEN EGGS Visuals, Helsinki

Ethernet FDDI Ethernet FDDI

AlphaServer GS80 OpenVMS Cluster

OpenVMS 731MHz EV67 AlphaServer GS80 Model 8

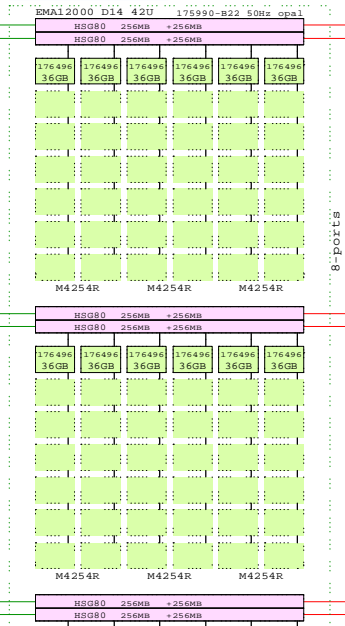
OpenVMS 731MHz EV67 AlphaServer GS80 Model 8



BOM of the shared Storage

Part Number	Qty	Description
128697-B21	6	ACS V8 SF controller FCAL/FCSM
135823-B21	6	HS08x Single external cache battery
158222-B21	2	SAN Switch 8 Ports
160407-B21	2	SAN switch redundant power supply
167365-B21	2	Rack mount kit for SAN switch
175990-B22	1	EMA12000 D14 42U 50Hz opal
176496-B22	18	36GB 10000r Ultra3 SCSI disk 1"
176622-B21	6	HS080 FC contr with 256MB cache
234457-B21	12	Fibre Channel 02m Optical Cable
234457-B23	4	Fibre Channel 15m Optical Cable
380555-001	1	OS Platf.Softw.Kit for FC Alpha OVMS
380561-B21	16	FC Optical Short Wave GBIC
380674-B21	6	Cache Upg RASK ESA12K 256MB

EMA12000 D14 3x42x 36.4GB = 4586GB



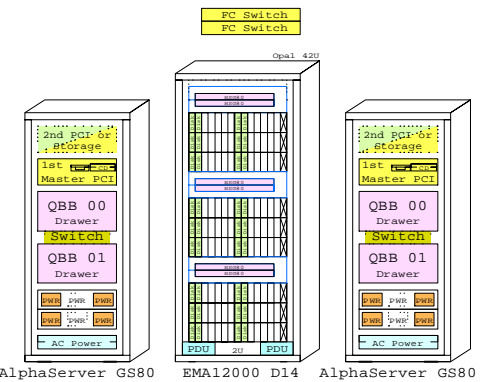
Dual Memory Channel

BOM of this GS80 OpenVMS Cluster

Part Number	Qty	Description
1	1	175990-B22 1 EMA12000 D14 42U 50Hz opal
1.1	128697-B21	6 ACS V8 SF controller FCAL/FCSM
1.2	135823-B21	6 HS08x Single external cache battery
1.3	176496-B22	18 36GB 10000r Ultra3 SCSI disk 1"
1.4	176622-B21	1 HS080 FC Contr with 256MB cache
1.4.1	380674-B23	1 Cache Upg RASK ESA12K 256MB
1.5	176622-B21	1 HS080 FC Contr with 256MB cache
1.5.1	380674-B21	1 Cache Upg RASK ESA12K 256MB
1.6	176622-B21	1 HS080 FC Contr with 256MB cache
1.6.1	380674-B21	1 Cache Upg RASK ESA12K 256MB
1.7	176622-B21	1 HS080 FC Contr with 256MB cache
1.7.1	380674-B21	1 Cache Upg RASK ESA12K 256MB
1.8	176622-B21	1 HS080 FC Contr with 256MB cache
1.8.1	380674-B21	1 Cache Upg RASK ESA12K 256MB
1.9	176622-B21	1 HS080 FC Contr with 256MB cache
1.9.1	380674-B21	1 Cache Upg RASK ESA12K 256MB
2	DY-A808A-AD	1 AS GS80 M08 For 08 CPU 240V EU OVMS
2.1	168794-B21	1 Host Bus Cntr KGPSA-CA.OVMS.UNIX
2.2	3X-DEPPA-AC	1 PCI to FDDI SAS MMF with SC Universal
2.3	3X-DWPA-BA	1 PCI Shelf Expansion for GS160/320
2.3.1	168794-B21	1 Host Bus Cntr KGPSA-CA.OVMS.UNIX
2.3.2	CCMAB-AA	1 PCI Mem. Channel-2 Cluster cntrl
2.4	3X-KFWHA-BA	1 I/O module for AS GS80, 11 2xchbl
2.5	3X-KNSAA-AC	7 CPU Module GS80 6771MHz OpenVMS
2.6	3X-MS8AA-DB	8 4GB AlphaServer GS320 Memory module
2.7	3X-MS8AA-DU	8 4GB AlphaServer GS320 Memory DIMM
2.8	BN39B-04	2 04m copper cbl for CCMAB Mem.Chan
2.9	CCMAB-AA	1 PCI Mem. Channel-2 Cluster cntrl
2.10	H7510-AA	2 Power Supply for AS GS80 Need: 1 or 2
3	DY-A808A-AD	1 AS GS80 M08 For 08 CPU 240V EU OVMS
3.1	168794-B21	1 Host Bus Cntr KGPSA-CA.OVMS.UNIX
3.2	3X-DEPPA-AC	1 PCI to FDDI SAS MMF with SC Universal
3.3	3X-DWPA-BA	1 PCI Shelf Expansion for GS160/320
3.3.1	168794-B21	1 Host Bus Cntr KGPSA-CA.OVMS.UNIX
3.3.2	CCMAB-AA	1 PCI Mem. Channel-2 Cluster cntrl
3.4	3X-KFWHA-BA	1 I/O module for AS GS80, 11 2xchbl
3.5	3X-KNSAA-AC	7 CPU Module GS80 6771MHz OpenVMS
3.6	3X-MS8AA-DB	8 4GB AlphaServer GS320 Memory module
3.7	3X-MS8AA-DU	8 4GB AlphaServer GS320 Memory DIMM
3.8	BN39B-04	2 04m copper cbl for CCMAB Mem.Chan
3.9	CCMAB-AA	1 PCI Mem. Channel-2 Cluster cntrl
3.10	H7510-AA	2 Power Supply for AS GS80 Need: 1 or 2
4	158222-B21	1 SAN Switch 8 Ports
4.1	380561-B21	8 FC Optical Short Wave GBIC
5	158222-B21	1 SAN Switch 8 Ports
5.1	380561-B21	8 FC Optical Short Wave GBIC
6	3R-VROP7-24	2 COMPAQ P75 CLR MON.NH.TC099
7	3X-DS8BA-AB	2 PC-based system console, lower, Europe
8	160407-B21	2 SAN switch redundant power supply
9	234457-B23	4 Fibre Channel 15m Optical cable
10	167365-B21	2 Rack mount kit for SAN switch
11	234457-B21	12 Fibre Channel 02m Optical Cable
12	380555-001	1 OS Platf.Softw.Kit for FC Alpha OVMS
13	BN39B-10	2 10m copper cbl for CCMAB Mem.Chan
14	BN39C-02	2 1.8 Video Extension Cable ***
15	BN19C-2E	2 PowerCable 240V-C-Europe
16	LK461-AF	2 VMS STYLE KEYBOARD, Fin/Swed

BOM of one Host

Part Number	Qty	Description
168794-B21	2	Host Bus Cntr KGPSA-CA.OVMS.UNIX
3R-VROP7-24	2	COMPAQ P75 CLR MON.NH.TC099
3X-DEPPA-AC	1	PCI to FDDI SAS MMF with SC Universal
3X-DS8BA-AB	1	PC-based system console, lower, Europe
3X-DWPA-BA	1	PCI Shelf Expansion for GS160/320
3X-KFWHA-BA	1	I/O module for AS GS80, 11 2xchbl
3X-KNSAA-AC	7	CPU Module GS80 6771MHz OpenVMS
3X-MS8AA-DB	8	4GB AlphaServer GS320 Memory module
3X-MS8AA-DU	8	4GB AlphaServer GS320 Memory DIMM
BN19C-2E	2	PowerCable 240V-C-Europe
BN39B-04	2	04m copper cbl for CCMAB Mem.Chan
BN39C-02	1	1.8 Video Extension Cable ***
CCMAB-AA	2	PCI Mem. Channel-2 Cluster cntrl
DY-A808A-AD	1	AS GS80 M08 For 08 CPU 240V EU OVMS
H7510-AA	2	Power Supply for AS GS80 Need: 1 or 2
LK461-AF	1	VMS STYLE KEYBOARD, Fin/Swed



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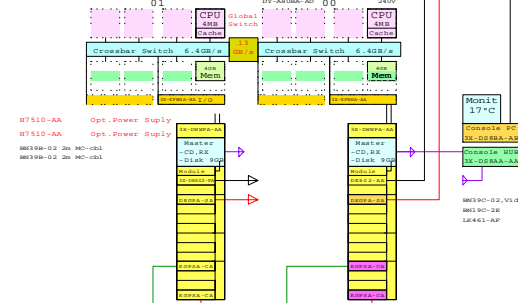
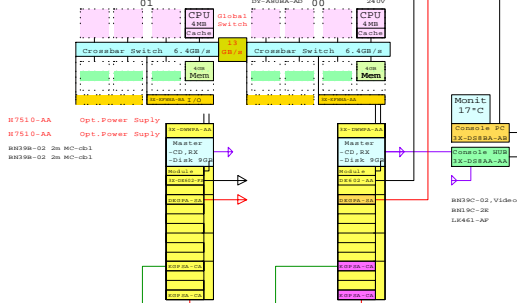
AlphaServer GS80 OpenVMS system, 8xCPU, 64GB

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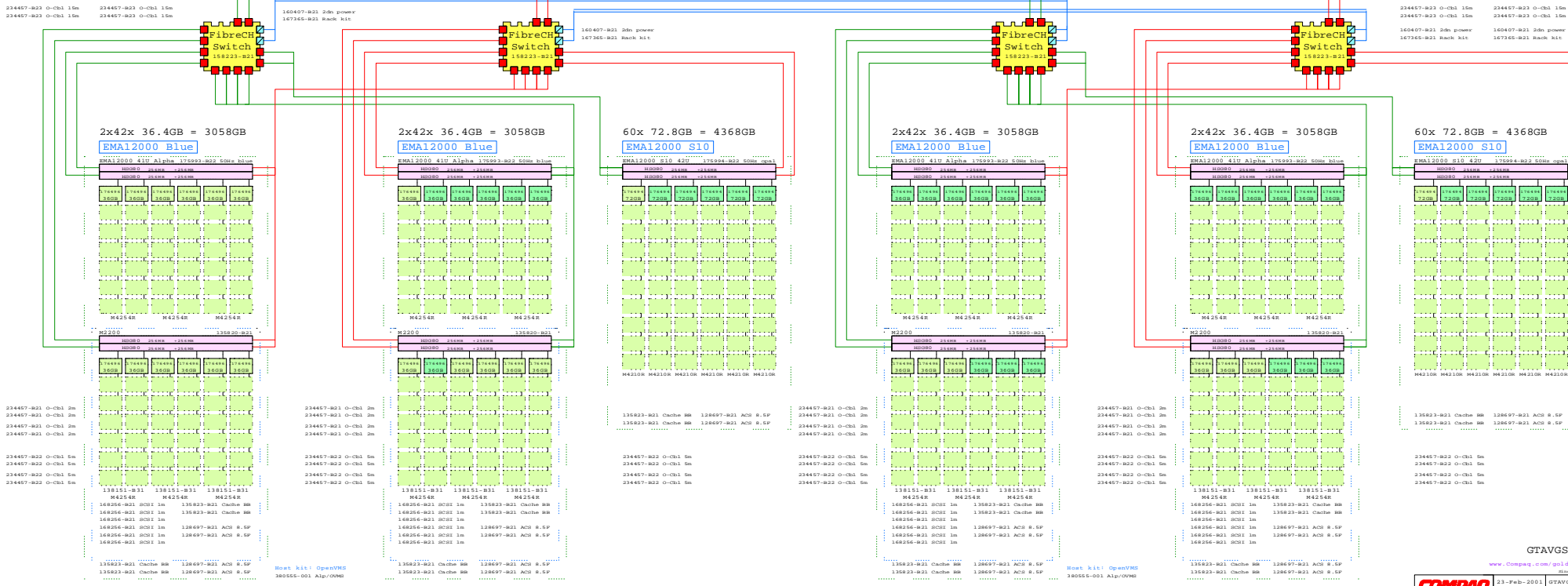
AlphaServer GS80 OpenVMS system, 8xCPU, 64GB

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