HP-UX - Dual Servers   (non-cluster) FCAL

HSG80 – Dual Controller Rackmount

Step1 – Select RM – Choose only one model type from the two below, based on customer requirements

Overall description of General Business & High Capacity Models

Includes: Datacenter 41U cabinet/rack; 2 – 24 slot enclosures, each with five power supplies (expandable to eight); dual Fibre Channel HSG80 six-channel controllers with 256 MB cache each (expandable to 512 MB each); dual cache battery and cache battery shelf, 1 expansion cable kit; 15-meter host cable; 240 V Power Distribution Unit, power cord and documentation. Holds up to 48 drives, GLMs also included.

Requires: (2) HSG80 ACS kits, one host platform kit for each platform type connected, host adapter(s), connectivity options, and disks to be ordered separately.

Options: Optical hub(s), cables, UPS, cache upgrade and fully redundant power. See STEP 6 for details.

General Business Model – 24 Drives

Description	Compaq
Tip: Choose one	
ESA12000 Dual Cntrl. Blue	380580-001
ESA12000 Dual Cntrl. Opal	380580-002

General Business Model – High Capacity – 48 Drives

Description	Compaq
Tip: Choose one	
ESA120000 Dual Cntrl. Blue	380600-001
ESA120000 Dual Cntrl. Opal	380600-002

Optional Expansion Cab

Tip: Dual enclosure expansion cabinet…chose one to match color

ESA12000 No Cntrl. Blue	380640-001
ESA12000 No Cntrl. Opal	380640-002

Redundant Power Options: Optional

Description	Compaq	Digital
Tip: Choose up to three per BA370 enclosure		
180 Watt Power supply	380565-B21	
Tip: Choose one per BA370 enclosure		
AC Input Unit	380564-B21	
Tip: Order one per rack cab		
PDU 60Hz	380582-001	

Cache Upgrades – Optional

Note: 256 or 512MB supported only…four slots available for cache…all slots must be of like size DIMMS

Description	Compaq
Tip: Add only one per controller (ESA12000 comes with 256 MB per HSG80 Controller)	
256MB – 2x128MB	380674-B21

Step2 – ACS – Firmware (PCMCIA) Card
Tip: One per HSG80 required.

Description	Compaq
ACS v8.3	380577-001

Step3 – Platform Kit
Note: Includes SWCC

Tip: One per OS type required

Description	Compaq
HP-UX	380557-001

Note: GLM included

Description	Compaq
	(Must Be Ordered From Manufacturer)
A3591A (HSC bus, D-Class)	

Step5 - Disks

Description	
4GB, 7200 RPM, UWSE	380691-B21
	DS-RZ1DA-VW
9GB, 10K RPM, UWSE	
18GB, 7200 RPM, UWSE	DS-RZ1EA-VW
	380589-B21

Step6 – Hub, GBIC's and Cables
Hub required…point to point not supported…(no GBIC's included)

Tip: Order one hub for this config

HUB

	Compaq
12 Port Hub	

GBIC and Connection Kit
Tip: Order two kits for this config.

	Compaq
3 GBIC + 2 – 2M Cables	

CABLES - Optional
Note: One 15M cable comes with each ESA12000 and two 2M cables come with the GBIC Kit.

Tip: Order one cable for this config.

Description	
2Meter	234457-B21
	234457-B22
15Meter	
30Meter	234457-B24
	234457-B25

Step7 – UPS

	Compaq
Low Voltage R3000	42705-001

High Voltage R3000h   242705-003
  Note: Actual VA is 3000…uses L6-20P plug