

## SGI IRIX - Single Server FCAL

### HSG80 – (2) Dual Controller Rackmount – (Active, Standby)

#### Step1 – Select RM – Choose one high bandwidth model.

##### ESA12000 High-bandwidth Base Model

**Includes:** Datacenter 41U cabinet/rack; 2 - 24 slot enclosures with five-shelf power supplies each (expandable to eight); 4 - Fibre Channel HSG80 six-channel controllers with 256 MB cache each (expandable to 512 MB each); 15-meter host-to-controller cable; power cord and documentation. Holds up to 48 drive, expandable to 72 drives per controller pair. Also includes GLMs.

**Requires:** (4) HSG80 ACS kits and 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, 256MB cache*

Description	Compaq
ESA12000 Quad Cntrl	380620-001(Blue)
ESA12000 Quad Cntrl	380620-002(Opal)

##### Optional Expansion Cab

Tip: Dual enclosure expansion cabinet...chose two for max config matching the color above.

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

##### Redundant Power Options: Optional

Description	Compaq
<i>Tip: Choose three per BA370 enclosure</i>	
180 Watt Power supply	380565-B21
<i>Tip: Choose one per BA370 enclosure</i>	
AC Input Unit	380564-B21
<i>Tip: Order one per rack cab</i>	
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
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**Step4 – Host Adapter***Note: GLM included**Tip: Only one adapter is required.*

<b>Description</b>	<b>Compaq</b>
PCI-FC-1P	(MUST BE PURCHASED FROM MANUFACTURER)
XT-FC-2P	(MUST BE PURCHASED FROM MANUFACTURER)

**Step5 - Disks**

<b>Description</b>	<b>Compaq</b>
4GB, 7200 RPM, UWSE	380691-B21
9GB, 7200 RPM, UWSE	DS-RZ1DA-VW
9GB, 10K RPM, UWSE	380588-B21
18GB, 7200 RPM, UWSE	DS-RZ1EA-VW
18GB, 10K RPM, UWSE	380589-B21

**Step6 – Hub, GBIC's and Cables***Note: One Hub required...point to point not supported...(no GBIC's included)***HUB**

<b>Description</b>	<b>Compaq</b>
12 Port Hub	295573-B22

**GBIC and Connection Kit***Tip: Configure three for this config.*

<b>Description</b>	<b>Compaq</b>
3 GBIC + 2 – 2M Cables	380579-B21

**CABLES - Optional***Tip: One 5M cable/controller comes with RA8000 and two 2M cables come with the GBIC Kit.**Note: Order two 2Meter Cable to complete this config.*

<b>Description</b>	<b>Compaq</b>
2Meter	234457-B21
5Meter	234457-B22
15Meter	234457-B23
30Meter	234457-B24
50Meter	234457-B25

**Step7 – UPS**

<b>Description</b>	<b>Compaq</b>
Low Voltage R3000	242705-001

*Note: Actual VA is 2880...uses L5-30P plug*

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