

# SGI IRIX - Single Server FCAL

## HSG80 – Dual Controller Rackmount

### Step1 – Select RM – Chose 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
<i>Tip: Choose one</i>	
ESA12000 Dual Cntrl. Blue	380580-001
ESA12000 Dual Cntrl. Opal	380580-002

#### *General Business Model – High Capacity – 48 Drives*

Description	Compaq
<i>Tip: Choose one</i>	
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
<i>Tip: Choose up to 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.*

<b>Description</b>	<b>Compaq</b>
ACS v8.3	380577-001

## **Step3 – Platform Kit**

*Note: Includes SWCC*

*Tip: One per OS type required*

<b>Description</b>	<b>Compaq</b>
SGI IRIX	380556-001

## **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 one kit for this config.*

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

### **CABLES - Optional**

*Tip: One 15M cable/controller comes with RA8000 and two 2M cables come with the GBIC Kit.*

<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*