SGI IRIX  - Single Server  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                  Digital
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
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
Step 2 – ACS – Firmware (PCMCIA) Card
   
   **Tip:** One per HSG80 required.

   **Description**  
   ACS v8.3  380577-001

Step 3 – Platform Kit
   
   **Note:** Includes SWCC

   **Tip:** One per OS type required

   **Description**  
   SGI IRIX  380556-001

Step 4 – Host Adapter
   
   **Note:** GLM included

   **Tip:** Only one adapter is required.

   **Description**  
   PCI-FC-1P (MUST BE PURCHASED FROM MANUFACTURER)  
   XT-FC-2P (MUST BE PURCHASED FROM MANUFACTURER)

Step 5 – Disks

   **Description**  
   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

Step 6 – Hub, GBIC’s and Cables
   
   **Note:** One Hub required…point to point not supported…(no GBIC’s included)

   **HUB**
   
   **Description**  
   12 Port Hub  295573-B22

   **GBIC and Connection Kit**

   **Tip:** Configure one of each for this config.

   **Description**  
   3 GBIC + 2 – 2M Cables  380579-B21  
   2 GBIC + 2 – 2M Cables  380596-B21

   **CABLES - Optional**

   **Tip:** One 5M cable/controller comes with RA8000 and two 2M cables come with the GBIC Kit.

   **Description**  
   2Meter  234457-B21  
   5Meter  234457-B22  
   15Meter  234457-B23  
   30Meter  234457-B24  
   50Meter  234457-B25

Step 7 – UPS

   **Description**  
   Low Voltage R3000  242705-001

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

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