### SGI IRIX - Single Server FCAL

#### HSG80 – Single Controller Rackmount

**Rack Mount Version**
*Includes:* Integrated BA370 Backplane with **universal RETMA and METRIC mounting**; single HSG80 controller with 64 MB cache; single cache battery in SBB with cable; five shelf power supplies optionally expandable to eight; fully redundant cooling; Environmental Monitor Unit (EMU); 2U battery shelf, 5-meter host connection cable; power cord and GLMs.

#### Step 1 – Select RM

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tip:</strong> Choose one</td>
<td></td>
</tr>
<tr>
<td>RM RA8000 Sing. Cntrl.</td>
<td>380660-B21</td>
</tr>
<tr>
<td><strong>Tip:</strong> Choose up to two, each supports 24 drives: Optional</td>
<td></td>
</tr>
<tr>
<td>Expansion Rack</td>
<td>380568-B21</td>
</tr>
<tr>
<td><strong>Note:</strong> Exp. rack includes RETMA/METRIC mounting hardware</td>
<td></td>
</tr>
</tbody>
</table>

**Tip:** Choose one per Expansion Rack

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expansion Cable Kit</td>
<td>380563-001</td>
</tr>
<tr>
<td><strong>Note:</strong> For Customer Requiring a Cab...see Step 7</td>
<td></td>
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</tbody>
</table>

#### Redundant Power Options: Optional

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Tip:</strong> Choose up to three per BA370 enclosure</td>
<td></td>
</tr>
<tr>
<td>180 Watt Power supply</td>
<td>380565-B21</td>
</tr>
<tr>
<td><strong>Tip:</strong> Choose one per BA370 enclosure</td>
<td></td>
</tr>
<tr>
<td>AC Input Unit</td>
<td>380564-B21</td>
</tr>
<tr>
<td><strong>Tip:</strong> Order one per AC Input Unit ordered</td>
<td></td>
</tr>
<tr>
<td>AC Pwr Cord</td>
<td>103541-001</td>
</tr>
</tbody>
</table>

#### Cache Upgrades – Optional

*Note:* 64, 128, 256 or 512MB supported only...four slots available for cache...all slots must be of like size DIMMS

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Tip:</strong> RA8000 Choose One (RA8000 comes with 64MB)</td>
<td></td>
</tr>
<tr>
<td>64MB – 2x32MB</td>
<td>380673-B21</td>
</tr>
<tr>
<td><strong>Tip:</strong> for 256MB or 512MB remove 64MB DIMM and order quantity accordingly</td>
<td></td>
</tr>
<tr>
<td>256MB – 2x128MB</td>
<td>380674-B21</td>
</tr>
</tbody>
</table>

#### Step 2 – ACS – Firmware (PCMCIA) Card

*Tip:* One per HSG80 required.

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS v8.3</td>
<td>380577-001</td>
</tr>
</tbody>
</table>

#### Step 3 – Platform Kit

*Note:* Includes SWCC

*Tip:* One per OS type required

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGI IRIX</td>
<td>380556-001</td>
</tr>
</tbody>
</table>
Step 4 – Host Adapter

Note: GLM included
Tip: Only one adapter is required.

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

Step 5 – Disks

Description | Compaq
---|---
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: Hub required…point to point not supported…(no GBIC’s included)

HUB

Description | Compaq
---|---
12 Port Hub | 295573-B22

GBIC and Connection Kit

Tip: Configure one kit for this config.

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

Step 7 – Cabinets Empty

Digital Classic H9A15 Type Cab (41U) with side panels and doors:

Description | Compaq
---|---
41U RETMA Cab Blue | 380586-B21
41U RETMA Cab Opal | 380586-B22

Note: PDU Required:
PDU 60Hz | 380582-001 or –B21

Optional: If joining multiple cabs:

Joiner Kit Blue | 380584-B21
Joiner Kit Opal | 380584-B22
Filler | 380585-B21

Compaq Classic 42U RETMA Cab: includes front and rear Plexiglas doors.

Description | Compaq
---|---
42U RETMA Cab | 165753-001
Note: The following parts do not come with cabinet
Side panel 165652-001
Stabilizing feet 189907-001
Coupling Kit 165664-001
PDU DOM Low 295363-001
  Note: 110 Volts – L5-30P plug
PDU DOM High 295363-002
  Note: 208/240 Volts – L6-20P plug
  Note: One PDU required per Cab…order High or Low Voltage based on customers electrical requirements…when redundancy is required order second PDU.

Step 8 – UPS
Description  Compaq
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