Windows NT - Dual MV Intel Server    FCAL

HSG80 – DUAL Controller Rackmount – (MSCS Cluster)

NOTE: Not provided in this config; Cluster Software and Private Network Connection…these must be ordered from their respective vendors.

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.

**General Business Model – 24 Drives**

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tip: Choose one</strong></td>
<td></td>
</tr>
<tr>
<td>ESA12000 Dual Cntrl. Blue</td>
<td>380580-001</td>
</tr>
<tr>
<td>ESA12000 Dual Cntrl. Opal</td>
<td>380580-002</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
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<tr>
<td><strong>Tip: Choose one</strong></td>
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<tr>
<td>ESA120000 Dual Cntrl. Blue</td>
<td>380600-001</td>
</tr>
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<td>ESA120000 Dual Cntrl. Opal</td>
<td>380600-002</td>
</tr>
</tbody>
</table>

**Optional Expansion Cab**

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tip: Dual enclosure expansion cabinet…chose one to match color</strong></td>
<td></td>
</tr>
<tr>
<td>ESA12000 No Cntrl. Blue</td>
<td>380640-001</td>
</tr>
<tr>
<td>ESA12000 No Cntrl. Opal</td>
<td>380640-002</td>
</tr>
</tbody>
</table>

**Redundant Power Options: Optional**

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tip: Choose up to three per BA370 enclosure</strong></td>
<td></td>
</tr>
<tr>
<td>180 Watt Power supply</td>
<td>380565-B21</td>
</tr>
<tr>
<td><strong>Tip: Choose one per BA370 enclosure</strong></td>
<td></td>
</tr>
<tr>
<td>AC Input Unit</td>
<td>380564-B21</td>
</tr>
<tr>
<td><strong>Tip: Order one per AC Input Unit ordered</strong></td>
<td></td>
</tr>
<tr>
<td>AC Pwr Cord</td>
<td>103541-001</td>
</tr>
<tr>
<td><strong>Tip: Order one per rack cab</strong></td>
<td></td>
</tr>
<tr>
<td>PDU 60Hz</td>
<td>380582-001</td>
</tr>
</tbody>
</table>

**Cache Upgrades – Optional**

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Compaq</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tip:</strong> Add only one per controller (ESA12000 comes with 256 MB per HSG80 Controller)</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.
Description | Compaq
---|---
ACS v8.3 | 380577-001

Step 3 – Platform Kit
Note: Includes SWCC
Tip: One per OS type required
Description | Compaq
---|---
WNT - Intel | 380551-001

Step 4 – Host Adapter
Note: GLM included
Tip: Order two adapters.
Description | Compaq
---|---
WNT – Intel | 380574-001

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: One Hub required…point to point not supported…(no GBIC’s included)
Tip: When ordering 7 Port Hub also order rackmount hardware.
HUB
Description | Compaq
---|---
12 Port Hub | 295573-B22
Or
7 Port Hub | 234453-001 (Dom.)
Rackmount Kit | 242795-B21

GBIC and Connection Kit
Tip: Order two kits for this config.
Description | Compaq
---|---
2 GBIC + 2 – 2M Cables | 380596-B21

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

**Step7 – 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*