

## **OpenVMS - Single Server - Dual FC-Switch**

### **- Dual HSG80 Controller Rackmount - Multipath**

#### **Step 1 - 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***

<b>Description</b>	<b>Compaq</b>
<i>Tip: Choose one</i>	
ESA12000 Dual Cntrl. Blue	380580-001
ESA12000 Dual Cntrl. Opal	380580-002

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

<b>Description</b>	<b>Compaq</b>
<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**

<b>Description</b>	<b>Compaq</b>
<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*

<b>Description</b>	<b>Compaq</b>
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.*

<b>Description</b>	<b>Compaq</b>
ACS v8.4F	128697-B21

### **Step 3 – Platform Kit**

*Note: Includes SWCC*

*Tip: One per OS type required*

<b>Description</b>	<b>Compaq</b>
OpenVMS 7.2	380555-01

### **Step 4– Host Adapter**

*Note: GLM included*

*Tip: Two adapters are required.*

<b>Description</b>	<b>Compaq</b>
PCI Host Bus Adapter	380574-001

### **Step 5 - 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

### **Step 6 – FC Switch, GBIC's and Cables**

*Note: Two Switches required...(no GBIC's included)... RACK hardware included...*

#### **FC- Switch**

<b>Description</b>	<b>Compaq</b>
8 port Switch	380591-B21 (Blue) 380591-B22 (Opal)

**OR**

16 port Switch	380578-B21 (Blue) 380578-B21 (Blue)
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#### **GBIC and Connection Kit**

*Tip: Order two kits for this config.*

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

#### **CABLES - Optional**

*NOTE: One 15M cable comes with each ESA12000 and two 2M cables come with each GBIC Kit.*

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

### **Step 7 – UPS**

<b>Description</b>	<b>Compaq</b>	
Low Voltage R3000	242705-001	w/cord
<i>Note: Actual VA is 2880...uses L5-30P plug</i>		
High Voltage R3000h	242705-003	w/cord
<i>Note: Actual VA is 3000...uses L6-20P plug</i>		