

Veritas 5350 Appliance

Quick Reference Card – Hardware

Veritas 5350 Appliance Rear Panel – Model C Shown



Veritas 5350 Specifications

- 19-inch, 2U rack-mount server
- Dual Xeon 2.1GHz 6230R processors–35.75M Cache
- 12 x 64GB = 768GB – Base
- 24 x 642GB = 1536GB – Expansion Option
- 1 Gbps IPMI Management E/N port
- 2 x 1.92TB 2.5" SSD for OS / Logging (RAID 1)
- 1 x 1.92TB 2.5" SSD for OS / Logging Hot Spare
- 1 x 32GB M.2 SATA SSD for Certificates
- 1 x USB (Front) / 3 x USB (Back)
- 2 x 1100W Energy Star power supplies
- 1 x 8 port SAS Controller (internal storage)
- 2 x Full-Height PCIe Riser Card assemblies
- 1 x Half-Height PCIe Riser Card assembly
- 4 x 1GbpE OCP ports
- 25/10GbE PCIe – Quantity varies with model
- 16/8Gb FC HBA PCIe – Quantity varies with model
- 2 x SAS Expander PCIe Riser Cards

Port	Description	Purpose
A	VGA	DB-15 Port to connect a Monitor
B	Serial Port	Reserved
C	3 x USB Ports	USB 3.0/2.0 Compatible Ports
D	IPMI 100Mb/1Gb	VRM for IPMI remote access and monitoring
E	4 x 1Gb Ethernet	Left to Right: 1Gb Ethernet eth0 through eth3

* FTMS capable configurations must have at least four (4) or more Fibre Channel ports

Model	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8
A	25/10GbE NIC	25/10GbE NIC	SAS-3	25/10GbE NIC	25/10GbE NIC	16/8Gb FC HBA	SAS-3	EMPTY
B	25/10GbE NIC	25/10GbE NIC	SAS-3	25/10GbE NIC	16/8Gb FC HBA	16/8Gb FC HBA	SAS-3	EMPTY
C *	25/10GbE NIC	25/10GbE NIC	SAS-3	16/8Gb FC HBA	16/8Gb FC HBA	16/8Gb FC HBA	SAS-3	EMPTY

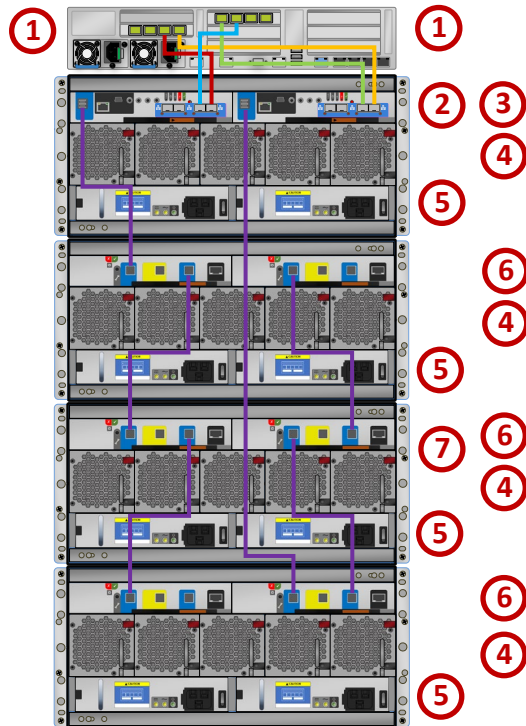
Veritas 5350 Appliance Memory DIMM Population Options

Slot ID	CPU 1												CPU 2											
	F1	F2	E1	E2	D1	D2	A2	A1	B2	B1	C2	C1	F1	F2	E1	E2	D1	D2	A2	A1	B2	B1	C2	C1
768GB	64GB	Blank	64GB	Blank	64GB	Blank	Blank	64GB	Blank	64GB	Blank	64GB	64GB	Blank	64GB	Blank	64GB	Blank	Blank	64GB	Blank	64GB	Blank	64GB
1536GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB

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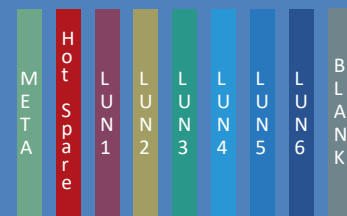
5U84 Storage Shelf



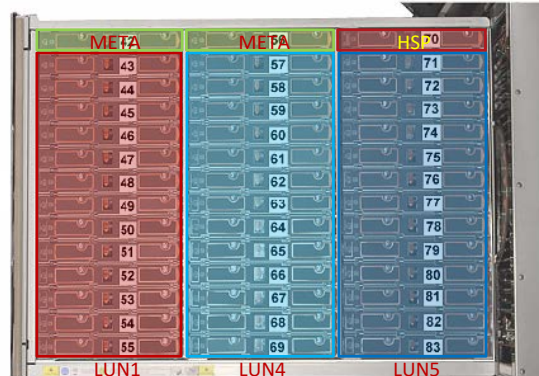
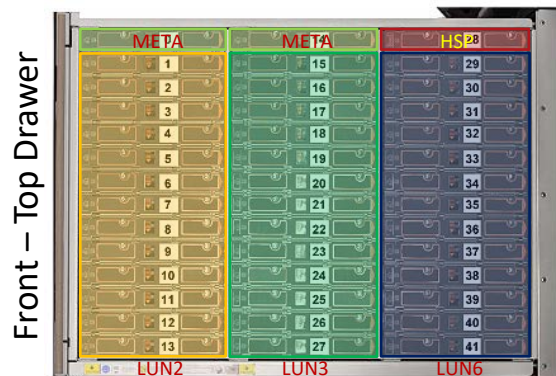
1	4 x port – SAS-3 PCIe cards (2 per 5350)
2	1 – meter SAS-3 cables (4 per Primary Storage Shelf)
3	SAS-3 RAID Controller I/O Modules (2 per Primary Storage Shelf)
4	Cooling Fan Modules (5 per Primary and Expansion Storage Shelves)
5	Power Modules (2 per Primary and Expansion Storage Shelves)
6	SAS-3 I/O Modules (2 per Expansion Storage Shelf)
7	1 – meter Expansion Storage Shelf SAS-3 cables (number varies with number of Expansion Storage Shelves installed)

5U84 Specifications

- 19" rack-mount 5U storage shelf
- 2 drawers with each drawer holding 42 x 4TB or 8TB disk drives when fully populated
- Weight: 135 kg (298 lbs) with drives
- 2 x 2.2 kW high-efficiency power modules
- Voltage: 200 – 240V AC
- 5U84 13-drive RAID 6 Half Population
- 4TB Drives = 120TB / 8TB Drives = 240TB
- 5U84 BOD RAID 6 Full Population
- 4TB Drives = 240TB / 8TB Drives = 480TB
- 4 drives for Meta Data
- 2 Drives for Hot Spares
- Meta Data and Hot Spare drives are populated in both the "half" and "full" configurations. Empty drive slots are populated with blanks to ensure cooling



5U84 Drawer Drive Slot Numbering – Fully Populated



5350 Disk Drives

- 2 x 1.92TB 2.5" SSDs – OS / LOG
- 1 x 1.92TB 2.5" SSD – Hot Spare
- 1 x 32MB M.2 SSD (internal) for certificates
- Slots 0 & 1 = OS/Logs = Volume 0
- Slot 2 = Hot Spare for OS/Logs



Front – Top Drawer

Rear – Bottom Drawer