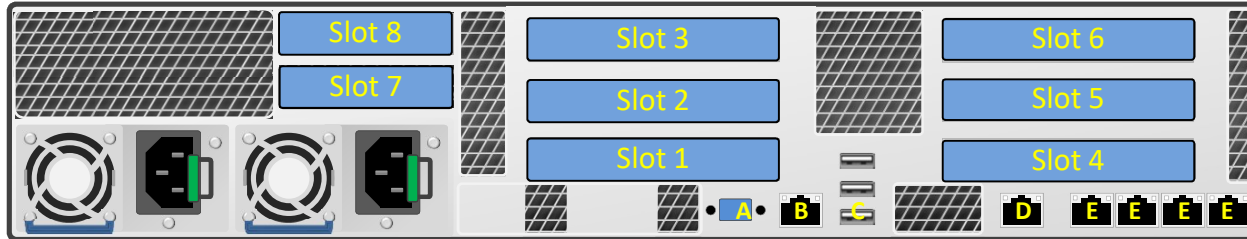


# NetBackup 5340 Appliance

Quick Reference Card – Hardware

## NetBackup 5340 Appliance Rear View – Components and Connections



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
E	4 x 1Gb Ethernet	Left to Right: 1Gb Ethernet eth0 through eth3

## 5340 Base Specifications

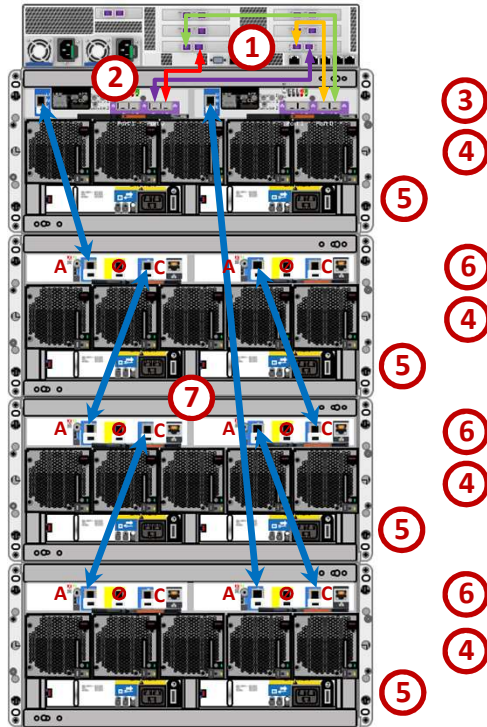
19-inch, 2U rack-mount server  
 2 x Intel Xeon 2.0GHz 6138 processors  
 20 X cores per processor  
 24 x 32GB DIMM = 768GB RAM  
 12/24 x 64GB DIMMs=768GB/1.5TB BASE  
 Onboard Intel RSMHC080 RAID Controller  
 Embedded 1 Gbps IPMI Management port  
 2 x 1100W power supplies  
 Voltage: 110 – 240V AC  
 2 x 2TB for OS Partition (RAID 1)  
 2 x 2TB for Logging Partition (RAID 1)  
 1 x 2TB Hot-spare  
 1 x USB 2.0 Port Front-mounted – 480 Mb/sec  
 3 x USB 2.0/3.0 Ports  
 Weight: 23.26 kg (51.28 lbs)

Series	Slot 1 – Reserved	Slot 2	Slot 3	Slot 4 – Reserved	Slot 5	Slot 6	Slot 7	Slot 8
5340 A	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	Reserved	QLE8442 2x10GbE NIC
5340 B	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE2562 2x8Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 C	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE2562 2x8Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 D	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE2562 2x8Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 E	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE2562 2x8Gb FC	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE2562 2x8Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 F	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 G	QLE2692 2x16Gb FC	QLE2562 2x8Gb FC	QLE2562 2x8Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 H	QLE2692 2x16Gb FC	QLE8442 2x10GbE NIC	QLE8442 2x10GbE NIC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	Reserved	QLE8442 2x10GbE NIC
5340 J	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	QLE2692 2x16Gb FC	Reserved	QLE8442 2x10GbE NIC

# NetBackup 5340 Appliance

## Quick Reference Card – Hardware

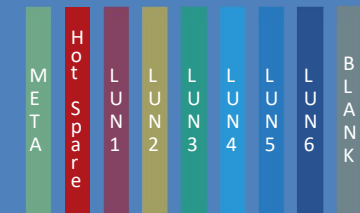
### 5U84 Storage Shelf



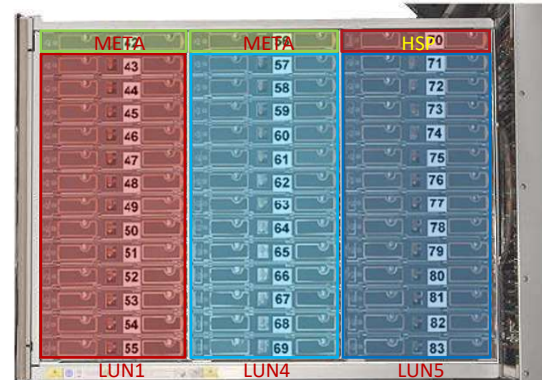
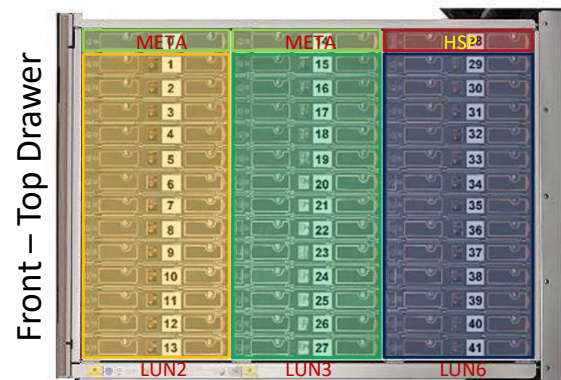
1	QLE2692 2 x port – 16Gb Fibre Channel PCIe cards (2 per 5340)
2	1 – meter Fibre Channel cables (4 per Primary Storage Shelf)
3	RAID Controller I/O Modules (2 per Primary Storage Shelf)
4	Cooling Fan Modules (5 per Primary and Expansion Storage Shelves)
5	Power Modules (2 per Primary and Expansion Storage Shelves)
6	I/O Modules (2 per Expansion Storage Shelf)
7	1 – meter (blue) Expansion Storage Shelf SAS3 cables (number varies with number of Expansion Storage Shelves installed)

### 5U84 Specifications

- 5U 19" rack-mount disk shelf
- 5U84 has 2 drawers with each drawer holding 42 x 4TB or 8TB Disk Drives
- 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



Front – Top Drawer

Rear – Bottom Drawer

### 5340 Disk Drives

- 5 x 2TB SAS disk drives
- Disk Drives are replaceable without replacing the Disk Drive Carrier (DDIC)
- 2 x RAID-1 volumes (0 and 1)
- Slots 0 & 1 = Operating System = Volume 0
- Slots 2 & 3 = Log Files = Volume 1
- Slot 4 = Hot – Spare
- Slots 5 – 11 = Empty

