

# NetBackup 5230 Appliance

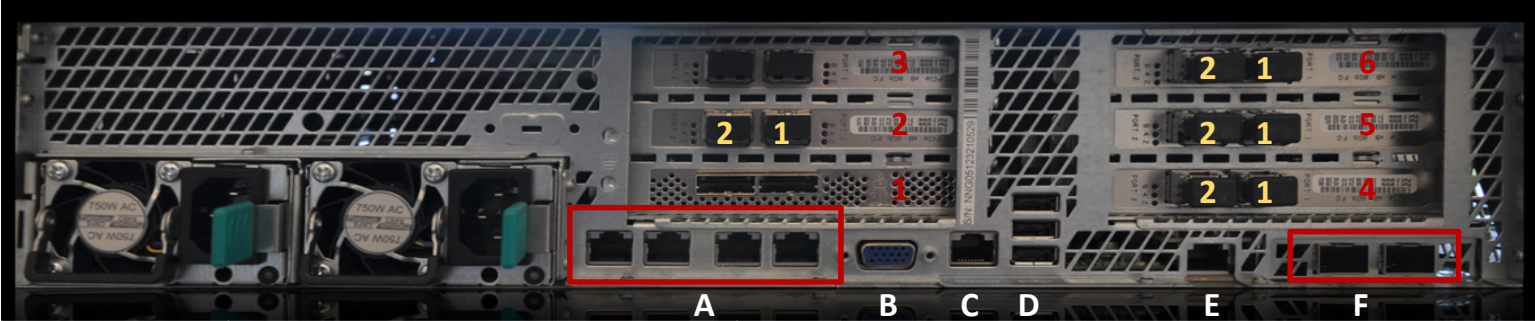
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Symantec Education Services  
Last Updated – 03.10.2014

## NetBackup 5230 Appliance Rear View – Components and Connections

## 5230 Base Specifications



- 19-inch, 2U rack-mount server with dual Intel Xeon
- 2.0GHz E5-2620 processors (6 Cores per CPU)
- 64 or 128GB RAM
- Onboard Intel RS25SB008 RAID Controller
- Embedded 4 x 1 Gbps Ethernet ports
- Embedded 2 x 10Gb Ethernet ports
- Max Power 750 Watts
- 7 Amps @ 100-127V
- 3.5 Amps @ 200-240V
- Typical Cooling 1,416 BTU/hour
- Max Cooling 2,562 BTU/hour
- 10 x 1TB SAS Disk Drives
- 2 x 1TB for OS Partition (RAID 1)
- 7 x 1TB for Data Partition (RAID 6 - 4TB formatted storage)
- 1 x 1TB Used for Hot-spare
- Optional Dual Port SAS RAID Controller (Slot 1)
- Optional QLogic QLE-2562 FC HBA (Slots 2-6)

Port	Description	Purpose
A	4X1Gb Ethernet	Left to Right: eth0 – eth3
B	VGA	DB-15 Port to connect a Monitor
C	Serial Port	Reserved
D	3XUSB Ports	USB 3.0 Ports
E	IPMI 1Gb	RMM4 for IPMI
F	2X10Gb Ethernet	10Gb Ethernet (eth4 and eth5)

Series	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
5230 A – Base + Storage Expansion	SAS RAID Controller	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY
5230 B – Standard+ Storage Expansion	SAS RAID Controller	EMPTY	EMPTY	2X8G FC HBA *	EMPTY	EMPTY
5230 C – Enhanced+ Storage Expansion	SAS RAID Controller	EMPTY	2X10GB Opt Eth	2X8G FC HBA *	EMPTY	EMPTY
5230 D – Maximum+ Storage Expansion	SAS RAID Controller	2X8G FC HBA *	2X10GB Opt Eth	2X8G FC HBA *	2X8G FC HBA **	2X8G FC HBA **
5230 E – FTMS+ Storage Expansion	SAS RAID Controller	2X8G FC HBA *	2X8G FC HBA *	2X8G FC HBA *	2X8G FC HBA **	2X8G FC HBA **

	FT SAN Client	Optimized Duplication	Tape Out	VMware
*		Yes	Yes	EMPTY
**	Yes (Port 1 Target, Port 2 Initiator)	EMPTY	EMPTY	2X8G FC HBA

- By default all HBA Fibre Channel ports are configured as Initiator unless configured as a FTMS for Models D and E.
- SFP Modules available for the Appliance is a multimode “Short Range” version. It will work well with OM3 50/125 multimode fiber optic cables that are compliant with ISO/IEC 11801 standards.

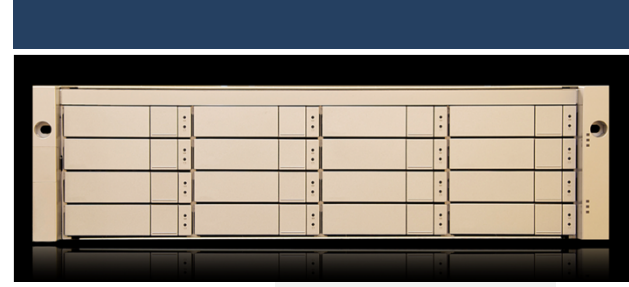
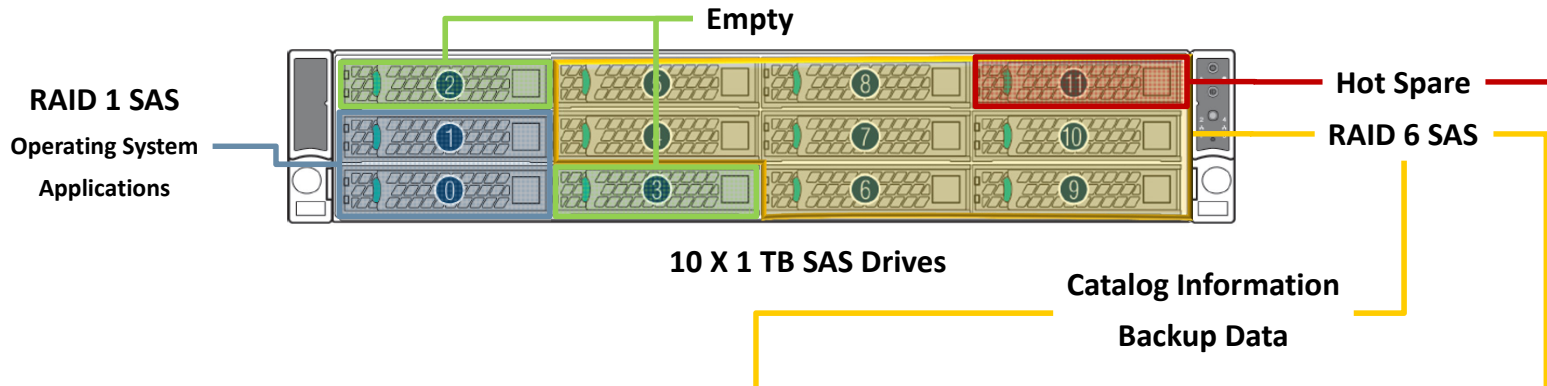
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## Base Unit and External Storage Shelf Diagram



## External Storage Shelf Hardware Specifications

- 19-inch, rack mount storage shelf
- Holds 16 2TB or 3TB 7,200 rpm SAS Disk Drives
- 12TB Maximum Advanced Disk Storage (2 Storage Shelves)
- 64TB Maximum MSDP Storage (2 storage shelves)
- 3U rack-mount disk shelf
- Maximum Power 580 Watts
- Maximum Cooling 1,980 BTU/hour
- 7 Amps at 100-127V or 3.5 Amps at 200-240V

Appliance Role	Storage Layout			Storage Capacity
Master	CAT	ADV *	MSDP *	Maximum 2 External Storage Shelves 4TB, 28TB, 40TB, 76TB MSDP – 64TB Maximum
Media	ADV *	MSDP *		
* Storage can be allocated for AdvancedDisk and / or Deduplication				

## 5230 Base Specifications

- NetBackup Appliances Landing Page:  
<http://www.symantec.com/business/support/index?page=landing&key=58991>
- NetBackup 5230 Appliance Documentation:  
<http://www.symantec.com/docs/DOC2792>
- NetBackup 5xxx Appliance Series Late Breaking News  
<http://www.symantec.com/docs/TECH145136>
- NetBackup 5xxx Appliance Patches Page:  
<http://www.symantec.com/docs/TECH150251>
- NetBackup Hardware Compatibility Guide  
<http://www.symantec.com/docs/TECH76495>



Supported NetBackup 5230 Appliance Versions  
2.5.2 / 2.5.3