



PAC STORAGE PS Gen3 40/60/90 Bays with NVMe Options



PAC Storage Gen3 offers you a high performance, high availability enterprise storage system with many options for capacity, performance & flexibility tailored for your requirements and budget.

PAC Storage High Density 40, 60 & 90 Bay Systems have NVMe options for Cache Read and Write performance boost

- Supports hybrid environments that integrate SAN, NAS & cloud services
- Massive sequential throughput of up to 16GB/s read and 12GB/s write per appliance
- Intel's new Ice Lake CPU
- Scalable up to 896 Drives
- Dual Active-Active Controllers
- Single namespace for easier data access
- High availability of 5 9's uptime
- Comes with 3 year warranty upgradeable to 10 years

40 Bay



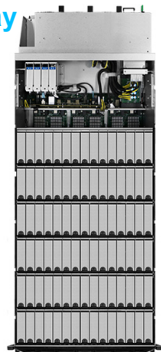
40 Bay Top View

60 Bay

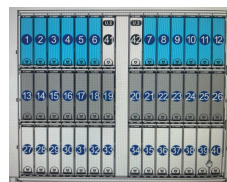


60 Bay Top View

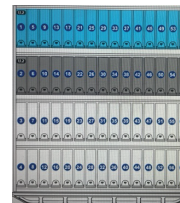
90 Bay



90 Bay Top View



40 Bay Top View with 2x NVMe
= 42 Bay (40HDD + 2 NVMe)



60 Bay Top View with 2x NVMe
= 58HDD + 2NVMe



90 Bay Rear View



- PS 3000 comes standard with 25GbE connectivity
- PS 4000 requires port customization
- Both have many options with up to 100 GbE

All components are hot-swappable, with no service interruption during component replacement.



PS 40-60-90 SPEC SHEET SHORT FORM

Product Series		PS 3000 G3	PS 4000 G3
Form Factor	4U 40-bay	PS 3040R3/S3 PS 3040R3C/S3C	PS 4040R3/S3 PS 4040R3C/S3C
	4U 60-bay	PS 3060R3/S3 PS 3060R3C/S3C	PS 4060R3/S3 PS 4060R3C/S3C
	4U 90-bay	PS 3090R3/S3 PS 4090R3C/S3C	PS 4090R3/S3 PS 4090R3C/S3C
Controller	Dual redundant or single upgradable to dual redundant		Note: S : Single controller, upgradable to dual redundant controllers R : Dual redundant controllers 3 : GEN 3 C : NVMe cache
Cache Backup Technology	Super capacitor + flash module		
CPU	Intel® Ice Lake Xeon® D 4-Core		Intel® Ice Lake Xeon® D 6-Core
Cache Memory	3000 Per Controller	Default 3x 32GB = 96GB Per Controller Expandable up to 192GB for 384GB Total	
	4000 Per Controller	Default 3 x64GB = 192GB Dual Controller 384GB	
Supported Drives	2.5" SAS SSD 3.5" 12Gb/s NL-SAS 7,200 RPM HDD Bundled 2.5" NVMe for cache models		
Max. Drive Number	via expansion enclosure, per appliance	896	
Onboard 25GbE Ports (SFP28)	4		-
Onboard SAS Expansion Ports	2		
Max. Host Board Slots	4		
Host Board Options	16Gb/s FC x 4 32Gb/s FC x 2 32Gb/s FC x 4	10GbE (SFP+) x 2 25GbE (SFP28) x 2	100GbE (QSFP28) x 1, RDMA 100GbE (QSFP28) x 2, RDMA
Expansion Enclosures (JBODs)	JBOD chassis: 12 bay, 16 bay, 60 bay, 90 bay		
Max. Host LUN Mapping Number	4096		
Max. Reserved Tag Number (per Host-LUN Connection)	256		
Max. iSCSI Initiators (per Controller)	416		
Max. Host Connection Number (per FC)	128		
Dimensions (Without Chassis Ears and Protrusions) (W x H x D)	4U 40-bay: 443.2 x 176 x 735.8 mm 4U 60-bay: 443.2 x 176 x 849.8 mm 4U 90-bay: 435 x 176 x 1088.8 mm		
Power Supply Unit	Power Supplies (Redundant and Hot-swappable)	4U 40-bay/60-bay: 1200W x 2 (80 PLUS Platinum) 4U 90-bay: 1600W x 2 (80 PLUS Platinum)	
	AC Voltage	4U 40-bay/60-bay: 100-127VAC @10A, 200-240VAC @8A 4U 90-bay: 100-127VAC @12A, 200-240VAC @10A	
	Frequency	50-60 Hz	
Management	<ul style="list-style-type: none"> • SMI-S standard interface for hypervisor management applications • Multi-factor authentication login mechanism • Web-based management software • User account management • Group management 	<ul style="list-style-type: none"> • Folder management - folder access control • Quota management • Folder encryption with AES • Integration with Microsoft Active Directory (AD) and Linux LDAP • Storage Resource Management to analyze history of resource usage 	
Availability and Reliability	<ul style="list-style-type: none"> • Immutable object storage • Hot-swappable hardware modules • Device mapper • Antivirus • Trunk group 	<ul style="list-style-type: none"> • Cache safe technology • UPS • WORM (file level only) • SMB Multichannel 	
Notification	<ul style="list-style-type: none"> • Email • SNMP traps 		
Supported Cloud Services	Cloud Gateway supports integration with the following cloud providers: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Baidu Cloud, Google Cloud, Tencent Cloud, Wasabi Cloud, etc.		
Supported OS	Microsoft Windows Server, Red Hat Enterprise Linux, Mac OS X, VMware.		