

KIOXIA + Hewlett Packard Enterprise



Learn how to optimize your Hewlett Packard Enterprise servers with KIOXIA SSDs to maximize performance and efficiency at:

kioxia.com/hpe



Fast

High-performance SSDs accelerate server and storage solutions to new heights



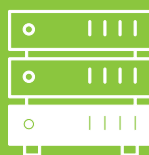
Secure

Digitally signed firmware for added security and assurance



Flexible

Common flash used across the family to provide supply flexibility as customer mix changes



Efficient

Endurance options to match SSDs with application workloads



PM6 Series Enterprise SAS SSD

PM6 Series Enterprise 24G SAS SSD are designed for enterprise server and storage environments providing uncompromising performance and reliability.



RM6 Series Value SAS SSD

RM6 Series 12Gb/s value SAS SSDs are priced to replace SATA in servers, delivering improved performance and reliability, with no change to the server infrastructure.



CM6 Series Enterprise NVMe™ SSD

Built on KIOXIA BiCS FLASH™ technology, the CM6 Series brings PCIe Gen 4 performance to enterprise NVMe SSDs, along with high reliability and availability. Available as single or dual-port, 1/3 DWPD, and up to 30.72 TB³ capacities.



CD6 Series Data Center NVMe SSD

As a SATA replacement, CD6 Series delivers PCIe Gen 4 performance to data center-class NVMe SSDs for servers. Available as single-port, 1/3 DWPD, and capacities up to 15.36 TB.

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Family	Capacity ²	Hewlett Packard Enterprise Option Kit SKU	Form Factor	Carrier Type	Max Random Read IOPS (4KiB) ³	Max Random Write IOPS (4KiB) ³	Max Sequential Read (MiB/s) ³	Max Sequential Write (MiB/s) ³	Min Terabytes Written ⁴				
PM6-R SSD Read-Intensive 1 DWPD ¹ for 5 Years	960 GB	P26285-B21 P40470-B21	SFF	SC BC	173,000@Q64	76,000@Q4	1,080	1,035	1,712				
	1,920 GB	P26302-B21 P40471-B21		SC BC		80,000@Q4			3,424				
	3,840 GB	P26306-B21 P40472-B21		SC BC		78,000@Q4			6,848				
	7,680 GB	P26310-B21 P40473-B21		SC BC		56,000@Q4			13,697				
	15,360 GB	P26314-B21 P40474-B21		SC BC		64,000@Q16			27,393				
PM6-R SSD Read-Intensive SED FIPS 1 DWPD ¹ for 5 Years	3,840 GB	P41398-B21	SFF	BC	173,000@Q64	78,000@Q4	1,080	1,035	6,848				
	7,680 GB	P41399-B21		BC	173,000@Q64	56,000@Q4	1,080	1,035	13,697				
PM6-V SSD Mixed-Use 3 DWPD ¹ for 5 Years	800 GB	P26290-B21 P40475-B21	SFF	SC BC	173,000@Q64	130,000@Q4	1,080	1,035	4,280				
	1,600 GB	P26354-B21 P40476-B21		SC BC		130,000@Q16			8,560				
	3,200 GB	P40477-B21 P26358-B21		LFF SFF					LPC SC	17,121			
	6,400 GB	P40478-B21 P26362-B21 P40479-B21	SFF	BC SC BC		34,241							
	800 GB	P41400-B21		SFF		BC			173,000@Q64	130,000@Q4	1,080	1,035	4,280
PM6-V SSD Mixed-Use SED FIPS 3 DWPD ¹ for 5 Years	1,600 GB	P41401-B21	SFF	BC	173,000@Q64	130,000@Q16	1,080	1,035	8,560				
	400 GB	P26295-B21 P40480-B21	SFF	SC BC	173,000@Q64	135,000@Q16	1,080	1,035	7,134				
800 GB	P26372-B21 P40481-B21	SC BC		14,267									
1,600 GB	P26376-B21 P40482-B21	SC BC		28,534									
960 GB	P36997-B21 P40506-B21	SFF		SC BC					155,000@Q32	32,000@Q4	810	635	1,750
1,920 GB	P36999-B21 P40507-B21		SC BC	36,000@Q4	3,500								
3,840 GB	P37001-B21 P40508-B21		SC BC	37,000@Q4	7,000								
7,680 GB	P37003-B21 P40509-B21		SC BC	52,000@Q4	14,000								
960 GB	P37005-B21 P37009-B21 P40510-B21		SFF LFF SFF		SC LPC BC	48,000@Q4	790	5,250					
RM6-V SAS SSD Mixed-Use 3 DWPD ¹ up to 5 Years	1,920 GB	P37011-B21 P37013-B21	LFF	SC SCC	155,000@Q32	52,000@Q4	810	635	10,500				
	3,840 GB	P40511-B21 P37017-B21 P40512-B21	SFF	BC SC BC	21,000								
CM6-R NVMe [®] SSD Read-Intensive 1 DWPD ¹ for 5 Years	1,920 GB	P40490-B21	SFF	BC	950,000@Q256	100,000@Q128	6,500	2,700	3,424				
	3,840 GB	P40491-B21		BC	930,000@Q256	175,000@Q16			4,000	6,848			
CM6-R NVMe SSD Read-Intensive SED FIPS 1 DWPD ¹ for 5 Years	1,920 GB	P41402-B21 P44568-B21	SFF	BC SC	950,000@Q256	100,000@Q128	6,500	2,700	3,424				
	3,840 GB	P44572-B21 P41403-B21 P44576-B21		SCN BC SC		175,000@Q16			4,000	6,848			
	800 GB	P20094-B21 P40492-B21		SCN BC		850,000@Q256			100,000@Q16	1,400	4,280		
	1,600 GB	P20096-B21 P40493-B21		SCN BC		950,000@Q256			220,000@Q256	2,700	8,561		
	3,200 GB	P20098-B21 P40494-B21		SCN BC					350,000@Q32	4,000	17,121		
6,400 GB	P20100-B21 P40495-B21	SCN BC	930,000@Q256	340,000@Q64	3,800	34,242							
CM6-V NVMe SSD Mixed-Use SED FIPS 3 DWPD ¹ for 5 Years	1,600 GB	P41404-B21 P44584-B21	SFF	BC SC	950,000@Q256	220,000@Q256	6,500	2,700	8,561				
	3,200 GB	P44588-B21 P41405-B21		SCN BC		350,000@Q32			4,000	17,121			
	1,920 GB	P20131-B21 P20139-B21 P40483-B21		SFF		SC SCN BC			700,000@Q256	30,000@Q256	5,500	1,150	3,424
	3,840 GB	P20133-B21 P20141-B21 P40484-B21				SC SCN BC			880,000@Q256	60,000@Q64	2,300	6,848	
	7,680 GB	P20135-B21 P20143-B21 P40485-B21				SC SCN BC				85,000@Q128	3,800	13,697	
800 GB	P25948-B21 P25953-B21 P40486-B21	SFF	SC SCN BC		700,000@Q256	90,000@Q4	5,500	1,300	4,280				
1,600 GB	P20195-B21 P20203-B21 P40487-B21		SC SCN BC			85,000@Q32			8,561				
3,200 GB	P20197-B21 P20205-B21 P40488-B21		SC SCN BC	170,000@Q4		17,121							
6,400 GB	P20199-B21 P20207-B21 P40489-B21		SC SCN BC	250,000@Q16		34,242							
800 GB	P25948-B21 P25953-B21 P40486-B21		SFF	SC SCN BC		700,000@Q256			90,000@Q4	5,500	1,300	4,280	
1,600 GB	P20195-B21 P20203-B21 P40487-B21	SC SCN BC		85,000@Q32	8,561								
3,200 GB	P20197-B21 P20205-B21 P40488-B21	SC SCN BC		170,000@Q4	17,121								
6,400 GB	P20199-B21 P20207-B21 P40489-B21	SC SCN BC		250,000@Q16	34,242								

1. DWPD: Drive Writes per Day rating while maintaining 5 years useful life. "Drive Write" is defined as the bytes of written data up to the drive capacity point. It is used as a comparison of endurance among SSDs of equal capacity points.
2. Definition of capacity: KIOXIA defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2³⁰ bytes = 1,073,741,824 bytes and 1TB = 2⁴⁰ bytes = 1,099,511,627,776 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, and/or pre-installed software applications, or media content. Actual formatted capacity may vary.
3. A kibibyte (KiB) means 2¹⁰, or 1,024 bytes and a mebibyte (MiB) means 2²⁰, or 1,048,576 bytes. IOPS is Input Output Per Second (or the number of I/O operations per second). Read and write speed may vary depending on the host device, read and write conditions, and file size.
4. Measured using worst-case 4K random write workload.
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