

KIOXIA + Hewlett Packard Enterprise



- Many years of collaborating on storage solutions
- NVMe™ and SAS SSDs qualified across HPE server and storage platforms
- KIOXIA SSDs are VMware® vSAN™ certified for virtualized environments
- New EDSFF E3.S NVMe SSDs for latest PCIe® 5.0 ProLiant Gen11 servers



Fast

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



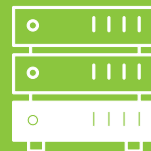
Secure

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



KIOXIA PM7 Series Enterprise SAS SSD

PM7 Series Enterprise 24G SAS SSDs are designed for enterprise server and storage environments providing uncompromising performance and reliability.



KIOXIA RM7 Series Value SAS SSD

RM7 Series 12 Gb/s value SAS SSDs are priced to replace SATA in servers, delivering improved performance and reliability, with no change to the server infrastructure.



KIOXIA CM7 Series Enterprise NVMe™ SSD

The CM7 Series is a dual port drive that brings PCIe® 5.0 performance to enterprise NVMe SSDs along with high reliability and availability. They are also compatible to single port use.



KIOXIA CD8 and CD8P Series Data Center NVMe™ SSDs

As a SATA replacement CD Series SSDs deliver PCIe 4.0 (CD8) and PCIe 5.0 (CD8P) performance in 2.5-inch and E3.S form factors respectively. Available as single-port, and 1 and 3 DWPD1 endurance.

Faraz Velani (Global)
Head of Go-To-Market

Faraz.Velani@kioxia.com

+1 512 769 0666

John Salcido (Americas)
Sr. Go-To-Market & Business Development Mgr, SSD & Storage Solutions

John.Salcido@kioxia.com

+1 512 745 2676

Don Morton (Global)
Director, Global Accounts & Data Center

Don.Morton@kioxia.com

+1 832 221 7684

Bob Koehler (Americas)
Business Development Manager

Robert.Koehler@MarketStar.com

+1 801 633 3710

Stephan Fiege (EMEA)
Marketing Global Accounts

stephan1.fiege@kioxia.com

+49 162 7748004

Johnson Hua (Taiwan)
Sr. Manager

Johnson.Hua@kioxia.com

+886 2 2508 9909 ext 405

Andy Gehlot (EMEA)
Global Account Lead - EMEA

andy.gehlot@kioxia.com

+44 7384 609 036

Kenji Nakajima (Japan)
Senior Expert, SSD Application Engineering Dept.

kenji7.nakajima@kioxia.com

+81 45 890 2710

Tricky Tao (Mainland China)
Director, SMBD BU

Jin1.Tao@kioxia.com

+86 21 6139 3888

Hung Chye Ngiam (ANZ, SE Asia, India)
Director, SSD Sales & Marketing

hungchye2.ngiam@kioxia.com

+65 6350 5241

Sang-Kook Han (Korea)
Engineering Manager

Sangkook.Han@kioxia.com

Family	Platform	Capacity ²	Hewlett Packard Enterprise Option Kit SKU	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
RM7 Read Intensive 1 DWPD ¹ for 5 Years	ProLiant	960	P36997-B21	180,000	40,000	1,049	811	1,752
		960	P40506-B21	180,000	40,000	1,049	811	1,752
		1,920	P36999-B21	190,000	40,000	1,049	1,001	3,504
		1,920	P40507-B21	190,000	40,000	1,049	1,001	3,504
		3,840	P37001-B21	190,000	40,000	1,049	1,001	7,008
		3,840	P40508-B21	190,000	40,000	1,049	1,001	7,008
		7,680	P37003-B21	190,000	40,000	1,049	1,001	14,016
		7,680	P40509-B21	190,000	40,000	1,049	1,001	14,016
		960	P37005-B21	180,000	40,000	1,049	811	5,256
		960	P37009-B21	180,000	40,000	1,049	811	5,256
RM7 Mixed Use 3 DWPD ¹ for 5 Years	ProLiant	960	P40510-B21	180,000	40,000	1,049	811	5,256
		1,920	P37011-B21	190,000	55,000	1,049	1,001	10,512
		1,920	P37013-B21	190,000	55,000	1,049	1,001	10,512
		1,920	P40511-B21	190,000	55,000	1,049	1,001	10,512
		3,840	P37017-B21	190,000	55,000	1,049	1,001	21,024
		3,840	P40512-B21	190,000	55,000	1,049	1,001	21,024
		3,840	P63875-B21	720,000	155,000	4,005	3,481	7,008
		7,680	P63879-B21	720,000	175,000	4,005	3,910	14,016
PM7 Read Intensive SED FIPS 1 DWPD ¹ for 5 Years	ProLiant 3PAR Alletra Raider	3,840	P63875-B21	720,000	155,000	4,005	3,481	7,008
7,680		P63879-B21	720,000	175,000	4,005	3,910	14,016	
PM7 Mixed Use SED FIPS 3 DWPD ¹ for 5 Years	ProLiant 3PAR Alletra Raider	1,600	P63871-B21	720,000	320,000	4,005	3,242	8,760
960		P64842-B21	1,000,000	80,000	6,866	1,717	1,752	
CD8 Read Intensive 1 DWPD ¹ for 5 Years	ProLiant	1,920	P64843-B21	1,250,000	150,000	6,866	3,338	3,504
		1,920	P64844-B21	1,250,000	150,000	6,866	3,338	3,504
		3,840	P64845-B21	1,250,000	195,000	6,866	3,624	7,008
		3,840	P64846-B21	1,250,000	195,000	6,866	3,624	7,008
		7,680	P64847-B21	1,150,000	200,000	6,771	5,722	14,016
		7,680	P64848-B21	1,150,000	200,000	6,771	5,722	14,016
		15,360	P69255-B21	1,050,000	195,000	6,294	5,722	28,032
		800	P64999-B21	1,000,000	160,000	6,866	1,717	4,380
		1,600	P65003-B21	1,250,000	310,000	6,866	3,338	8,760
		1,600	P65007-B21	1,250,000	310,000	6,866	3,338	8,760
CD8 Mixed Use 3 DWPD ¹ for 5 Years	ProLiant	3,200	P65011-B21	1,250,000	340,000	6,866	3,624	17,520
		3,200	P65015-B21	1,250,000	340,000	6,866	3,624	17,520
		6,400	P65019-B21	1,150,000	380,000	6,771	5,722	35,040
		6,400	P65023-B21	1,150,000	380,000	6,771	5,722	35,040
		12,800	N/A	1,050,000	380,000	6,294	5,722	70,080
		1,920	P69234-B21	1,600,000	150,000	11,444	3,338	3,504
		3,840	P69237-B21	1,900,000	200,000	11,444	5,245	7,008
		7,680	P69239-B21	2,000,000	200,000	11,444	5,245	14,016
CD8P E3.S/EDSFF Read Intensive 1 DWPD ¹ for 5 Years	ProLiant	15,360	P69546-B21	2,000,000	200,000	11,444	5,054	28,032
		1,600	P69241-B21	1,600,000	300,000	11,444	3,338	8,760
		3,200	P69243-B21	1,900,000	400,000	11,444	5,245	17,520
		6,400	P69245-B21	2,000,000	400,000	11,444	5,245	35,040
		12,800	N/A	2,000,000	400,000	11,444	5,054	70,080
		3,840	P61179-B21	2,700,000	310,000	13,351	6,437	7,008
CD8P E3.S/EDSFF Mixed-Use 3 DWPD ¹ for 5 Years	ProLiant HPC ClusterStor 3PAR Alletra Raider	7,680	P61183-B21	2,450,000	300,000	13,351	6,437	14,016
		15,360	P61187-B21	2,000,000	260,000	12,398	5,055	28,032
		3,200	P61191-B21	2,700,000	600,000	13,351	6,437	17,520
		6,400	P61195-B21	2,450,000	550,000	13,351	6,437	35,040
CM7 E3.S/EDSFF Read Intensive 1 DWPD ¹ for 5 Years	ProLiant HPC ClusterStor 3PAR Alletra Raider	3,840	P61179-B21	2,700,000	310,000	13,351	6,437	7,008
7,680		P61183-B21	2,450,000	300,000	13,351	6,437	14,016	
CM7 E3.S/EDSFF Mixed Use 3 DWPD ¹ for 5 Years	ProLiant HPC ClusterStor 3PAR Alletra Raider	15,360	P61187-B21	2,000,000	260,000	12,398	5,055	28,032
		3,200	P61191-B21	2,700,000	600,000	13,351	6,437	17,520
		6,400	P61195-B21	2,450,000	550,000	13,351	6,437	35,040

NOTES:

- DWPD: Drive Writes Per Day. One full drive write per day means the drive can be written and re-written to full capacity once a day every day for the specified lifetime. Actual results may vary due to system configuration, usage and other factors.
- 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.
- A kilobyte (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.
- Measured using worst-case 4KiB random write workload.

TRADEMARKS:

NVMe is a registered or unregistered marks of NVM Express, Inc. in the United States and other countries.
PCIe is a registered trademarks of PCI-SIG.
Other company names, product names, and service names may be trademarks of third-party companies.

DISCLAIMERS:

©2024 KIOXIA Corporation. All Rights Reserved.
Information in this document, including products, availability, specifications, technical/application data and contacts are current and believed accurate on the date of publication, but is subject to change without prior notice.

