

Product Change Notification

Change Notification #: 0000018385-00
Change Title: Solidigm™ D7-P5520 & D7-P5620 (formerly Intel® SSD D7-P5520 & D7-P5620) Series SKUs, 2nd Source BOM
Customer: Generic
Date of Publication: February 1, 2024

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

PCN Notification Days	120 days
Date Customer Must be Ready to Receive Post-Conversion Material	May 31, 2024

Description of Change to the Customer:

To ensure critical component dual-source strategy across Solidigm Datacenter SSDs, we are enhancing the D7-P5520 and D7-P5620 series by adding or replacing 2nd source DRAM, and PLI Cap (Power Loss Imminent Capacitor), and latch (exclusive to D7-P5520 E1.L). For a detailed breakdown of the capacities and form factors affected by each new component, please refer to the BOM Components table below.

New/Existing BOM	PLI Cap (Power Loss Imminent Capacitor)	DRAM	Latch (for E1.L only)
Existing BOM	Panasonic H63011-001 Chemicon H63012-001	Hynix K84043-001 Nanya K29606-001	Demand Technology K30600-002
New BOM addition	Taicon M86666-001 Samxon M90986-001	Nanya M89559-001	Demand Technology AA0015502 + Brady K39169-001

Product	Density	Form Factor	Using new PLI Cap	Using new DRAM	Using new Latch (for E1.L only)
D7-P5520	1.92TB	U.2 15mm	Yes	Yes	No
	3.84TB	U.2 15mm	Yes	No	No
	7.68TB	U.2 15mm	Yes	No	No
	15.36TB	U.2 15mm	Yes	No	No
D7-P5620	1.6TB	U.2 15mm	Yes	Yes	No
	3.2TB	U.2 15mm	Yes	No	No
	6.4TB	U.2 15mm	Yes	No	No
	12.8TB	U.2 15mm	Yes	No	No
D7-P5520	1.92TB	E1. S 9.5mm/15mm	No	Yes	No
	3.84TB	E1. S 9.5mm/15mm	No	No	No
	7.68TB	E1. S 9.5mm/15mm	No	No	No
	15.36TB	E1. L 9.5mm	No	No	Yes

Customer Impact of Change and Recommended Action:

Please contact your local Solidigm Field Sales representative if you have any further questions about this product change notice.

Products Affected/Solidigm Ordering Codes:

Marketing Name	Product Code	Current MM#
Intel® SSD D7-P5520 Series (15.36TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KX153T1OS	99ATF1
INTEL® SSD D7-P5620 SERIES (12.8TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KE128T1N1	99AV49
Intel® SSD D7-P5520 Series (1.92TB, E1.S 15mm PCIe 4.0 x4, 3D4, TLC) Generic Single Pack Opal	SSDPFVKX019T1OS	99AZRL
INTEL® SSD D7-P5620 SERIES (6.4TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KE064T1N1	99AH31
INTEL® SSD D7-P5620 SERIES (3.2TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KE032T1OS	99AV75
Intel® SSD D7-P5520 Series (1.92TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic 1pk FIPS	SSDPF2KX019T1OF	AA0017111
Intel® SSD D7-P5520 Series (1.92TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KX019T1OS	99AV71
Intel® SSD D7-P5520 Series (1.92TB, E1.S 15mm PCIe 4.0 x4, 3D4, TLC) Generic No Opal Single Pack	SSDPFVKX019T1N1	99AZRA
Intel® SSD D7-P5520 Series (7.68TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KX076T1N1	99AH2T
Intel® SSD D7-P5520 Series (15.36TB, E1.L 9.5mm PCIe 4.0 x4, 3D4, TLC) Generic Single Pack Opal	SSDPFWKX153T1OS	99AZRP
Intel® SSD D7-P5520 Series (3.84TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic 1pk FIPS	SSDPF2KX038T1OF	AA0017112
INTEL® SSD D7-P5620 SERIES (6.4TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KE064T1OS	99AV76
INTEL® SSD D7-P5620 SERIES (1.6TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KE016T1N1	99AH2W
Intel® SSD D7-P5520 Series (7.68TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic 1pk FIPS	SSDPF2KX076T1OF	AA0017113
INTEL® SSD D7-P5620 SERIES (1.6TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KE016T1OS	99AV74
Intel® SSD D7-P5520 Series (1.92TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KX019T1M1	99AZM7
INTEL® SSD D7-P5620 SERIES (12.8TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KE128T1OS	99AV4A
Intel® SSD D7-P5520 Series (15.36TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KX153T1N1	99ATDZ
INTEL® SSD D7-P5620 SERIES (3.2TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KE032T1N1	99AH2Z

Intel® SSD D7-P5520 Series (3.84TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KX038T1OS	99AV72
Intel® SSD D7-P5520 Series (7.68TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic Single Pack OPAL	SSDPF2KX076T1OS	99AV73
Intel® SSD D7-P5520 Series (15.36TB, E1.L 9.5mm PCIe 4.0 x4, 3D4, TLC) Generic No Opal Single Pack	SSDPFWKX153T1N1	99AZRF
Intel® SSD D7-P5520 Series (1.92TB, E1.S 9.5mm PCIe 4.0 x4, 3D4, TLC) Generic Single Pack Opal	SSDPFUKX019T1OS	99AZRG
Intel® SSD D7-P5520 Series (15.36TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic 1pk FIPS	SSDPF2KX153T1OF	AA0017114
Intel® SSD D7-P5520 Series (3.84TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KX038T1N1	99AH2N
Intel® SSD D7-P5520 Series (1.92TB, E1.S 9.5mm PCIe 4.0 x4, 3D4, TLC) Generic No Opal Single Pack	SSDPFUKX019T1N1	99AZR7

PCN Revision History:
Date of Revision:

February 1, 2024

Revision Number:

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Reason:

Initial Revision

Product Change Notification

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