

Features and specifications: DM3200F, DM5200F, DM5200H, and DM7200F

Product features, technical specifications

Lenovo

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Features and specifications

Features	DM3200F	DM5200F	DM5200H	DM7200F
Controller	Two 1U controllers per 2U storage enclosure			
CPU	Eight cores / 2.1 GHz	16 cores / 2.8 GHz	16 cores / 2.8 GHz	24 cores / 2.8 GHz
Memory (per controller)	64 GB	64 GB	64 GB	128 GB
NVMEM (per controller)	8 GB	8 GB	8 GB	16 GB
Cluster / Host adapter	Four-port 25 GbE	Two-port 100 GbE	Two-port 100 GbE	Two-port 100 GbE
Max number of internal drives	24	24	2	24
Max number of drives (Total)	144	144	144	144
Max number of NVMe SSD drives	48	72	0	120
Max number of SAS SSD drives	120	120	144	120
Max number of DM242N shelves	One internal + one external (direct attach)	One internal + two external	N/A	One internal + four external

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DM All-flash storage comparison

Features	DM5000F	DM3200F	DM5100F	DM5200F	DM7100F	DM7200F
Form factor	2U	2U	2U	2U	4U	2U
CPU cores	24	16	24	32	40	48
Physical memory	64 GB	128 GB	128 GB	128 GB	256 GB	256 GB
Maximum drive count (NVMe only)	N/A	48	48	72	240	144
Maximum drive count (NVMe + SAS)	144	144	48	144	480	144
NVDIMM / NVRAM	8 GB	16 GB	16 GB	16 GB	32 GB	32 GB
I/O expansion slots	N/A	8	4	8	10	8
ONTAP® support	9.4+	9.16.1RC1+	9.8+	9.16.1RC1+	9.7+	9.16.1RC1+

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DM hybrid storage comparison

Features	DM5000H	DM5200H	DM7100H
Form factor	2U	2U	4U
CPU cores	24	32	40
Physical memory	64 GB	128 GB	256 GB
Maximum drive count	144	144	720
NVDIMM / NVRAM	8 GB	16 GB	16 GB
I/O expansion slots	N/A	8	10
ONTAP® support	9.4+	9.16.1RC1+	9.7+

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DM storage expansion support

Features	DM3200F	DM5200F	DM7200F	DM5200H
Form factor	2U	2U	2U	2U
Internal drive count (NVMe)	24	24	24	0
Maximum drive count (NVMe only)	48	72	144	N/A
Maximum drive count (NVMe + SAS)	144	144	144	N/A
Max direct attached - NVMe - SAS	1 5	2 5	2 5	N/A
Max switched expansion (NVMe)	0	2	5	N/A
Supported expansion	DM242N	DM242N	DM242N	DM120S DM240S DM600S