

Datto SIRIS and Datto ALTO

Hardware Specifications

														
Model	ALTO 5	S5X	S5-X4	S5-2	S5-3	S5-4	S5-6	S5-8	S5-12	S5-18	S5-24	S5-36	S5-48	S5-60
Capacity (TB)	2TB	2TB	4TB	2TB	3TB	4TB	6TB	8TB	12TB	18TB	24TB	36TB	48TB	60TB
Drives	1x 2TB	1x 2TB	1x 4TB	2x 4TB			2x 12TB	2x 12TB	2x 16TB	3x 12TB	3x 12TB	3x 20TB	6x 20TB	8x 20TB
Storage array	—			RAID 1 (mirror)			RAID 1 (mirror)			RAID 5			RAID 10	
Storage type	NVMe m.2 SSD			3.5" Enterprise SATA HDD						3.5" Enterprise SAS HDD				
OS drive	256GB NVMe m.2	256GB NVMe m.2		2x 480GB m.2 RAID-1 on BOSS card						2x 480GB m.2 RAID-1 on BOSS card				
SLOG drive	—	—		960GB SATA SSD						960GB vSAS SSD				
CPU(s)	Intel® Celeron 7305 (5c/6t, 1.1GHz)	Intel® i5-12500T (6c/12t, 2GHz)		Intel® Xeon® E-2336G (6c/12t, 2.9 GHz)			Intel® Xeon® Silver 4416+ (20c/40t, 2.0Ghz)			2x Intel® Xeon® Silver 4416+ (20c/40t, 2.0GHz)			2x Intel® Xeon® Gold 5418Y (24c/48t, 2.0GHz)	
RAM	8GB DDR4 (1x 8)	16GB DDR4 (1x 16)		32GB DDR4 ECC (1x 32)			96GB DDR5 ECC (6x 16)			192GB DDR5 ECC (12x 16)			512GB DDR5 ECC (16x 32)	
LAN ports	1x 1Gb Base-T			2x 1Gb Base-T						2x 10Gb Base-T + 2x 1Gb Base-T				
Video output	1x HDMI 2x DisplayPort	DisplayPort		VGA						2x VGA (front/back)				
Remote management	—	Intel vPro		IPMI / iDRAC Enterprise						IPMI/iDRAC Enterprise				
Power supply	Ext. 65W	Ext. 130W		450W internal, cabled						Dual, redundant 1100W				
Input voltage	100 - 240V	120 - 240V		120 - 240V						120 - 240V				
Form factor	Micro Desktop			1U rackmount short-depth			1U rackmount full-depth						2U rackmount full-depth	
Weight	3.04lbs / 1.38 kg			22.5 lbs / 10.23kg			37.0lbs / 16.82kg						59.0lbs / 26.82kg	
Dimensions (with bezel for rackmount)	5.59 x 1.65 x 5.59" 14.2 x 4.2 x 14.2cm	7.16 x 1.42 x 7.03" 18.2 x 3.6 x 17.9cm		1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.86cm			1.68 x 18.97 x 28.91" 4.28 x 48.2 x 73.65cm						3.41 x 18.97 x 30.39" 8.68 x 48.2 x 75.8cm	
Noise level (idle/stress)	23 dbA / 40 dbA			66 dbA / 69 dbA			56 dbA / 59 dbA			55 dbA / 57dbA			69 dbA / 70 dbA	
Datto limited warranty	3 Years	5 Years		5 Years						5 Years				

Larger and custom configurations are available.

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All information accurate to the best of
Datto's knowledge at the time prepared;
Datto reserves the right to correct
errors/discrepancies.

Hardware Specifications



Model	S5-SSD-10	S5-SSD-30
Capacity (TB)	10	30
Drives	4x 3.84TB	10x 3.84TB
Storage array	RAID Z1 / Mirror	RAID Z2
Storage type	Enterprise NVMe U.2 Gen4	Enterprise NVMe U.2 Gen4
OS drive	2x 480GB m.2 RAID-1 on BOSS card	2x 480GB m.2 RAID-1 on BOSS card
SLOG drive	960GB vSAS SSD	960GB vSAS SSD
CPU(s)	2x Intel® Xeon® Silver 4410Y (12c/24t, 2.0GHz)	2x Intel® Xeon® Gold 5416Y (16c/32t, 2.0GHz)
RAM	128GB DDR5 ECC (8x 16)	192GB DDR5 ECC (12x 16)
LAN ports	2x 10Gb Base-T + 2x 1Gb Base-T	2x 10Gb Base-T + 2x 1Gb Base-T
Video output	VGA	VGA
Remote management	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise
Power supply	Dual, redundant 1100W	Dual, redundant 1100W
Input voltage	120 – 240 V	120 – 240 V
Form factor	1U rackmount full-depth	1U rackmount full-depth
Weight	37.0lbs / 16.82kg	37.0lbs / 16.82kg
Dimensions (with bezel for rackmount)	1.68 x 18.97 x 28.91" 4.28 x 48.2 x 73.65cm	1.68 x 18.97 x 28.91" 4.28 x 48.2 x 73.65cm
Noise level (idle/stress)	58 dbA / 61 dbA	58 dbA / 65 dbA
Datto limited warranty	Lifetime	Lifetime



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