

Datto SIRIS and Datto ALTO

Hardware Specifications

												
Model	ALTO 5	S6X	S6-X4	S6-2	S6-3	S6-4	S6-6	S6-8	S6-12	S6-18	S6-24	S6-36
Capacity (TB)	2TB	2TB	4TB	2TB	3TB	4TB	6TB	8TB	12TB	18TB	24TB	36TB
Drives	1x 2TB	1x 2TB	1x 4TB		2x 4TB		2x 8TB		2x 20TB		3x 12TB	3x 20TB
Storage array	—			RAID 1 (mirror)					RAID 1 (mirror)		RAID 5	
Storage type	NVMe m.2 SSD			3.5" Enterprise SATA HDD					3.5" Enterprise SAS HDD			
OS drive	256GB NVMe m.2 TLC SSD			480GB SATA 2.5" SSD					480GB SATA 2.5" SSD	480GB m.2 NAND SSD		
SLOG drive	—			960GB SATA 2.5" SSD					960GB SATA 2.5" SSD			
CPU(s)	Intel® Celeron 7305 (5c/6t 1.1GHz)	AMD Ryzen 7 PRO 8700GE (8c/16t, 3.6GHz)		Intel® Xeon 6357P (8c/16t 3.0GHz)					AMD EPYC 9255 (24c/48t, 3.20GHz)			
RAM	8GB DDR4 (1x 8GB)	16GB DDR5 non-ECC (2x8)		32GB DDR5 ECC (1x 32GB)		64GB DDR5 ECC (2x 32GB)			96GB DDR5 ECC (6x 16GB)	192GB DDR5 ECC (12x 16GB)		
LAN ports	1x 1Gb Base-T			2x 1Gb Base-T					2x 10GbE Base-T			
Video output	1x HDMI 2x DisplayPort	1x HDMI 1x DisplayPort		VGA					VGA			
Remote management	—	—		IPMI / iDRAC Enterprise					IPMI / iDRAC Enterprise			
Power supply	Ext. 65W	Ext. 90W		600W internal, cabled					1100W dual, redundant (1+1) hot-plug			
Input voltage	100 - 240V	120 - 240V		120 - 240V					120 - 240V			
Form factor	Micro Desktop			1U rackmount short-depth					1U rackmount full-depth			
Weight	3.04lbs / 1.38kg	3.05 lbs / 1.38 kg		23 lbs / 10.5 kg					38.0 lbs / 17.3 kg			
Dimensions (with bezel for rackmount)	5.59 x 1.65 x 5.59" 14.2 x 4.2 x 14.2cm	7.17 x 1.42 x 7.17" 18.2 x 3.61 x 18.2cm		1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.86cm					1.68 x 18.97 x 32.16" 4.28 x 48.2 x 81.68cm			
Noise level (idle/stress)	23 dbA / 40 dbA	45 dbA / 50 dbA		63 dbA / 65 dbA					56 dbA / 60 dbA			
Datto limited warranty	3 Years	5 Years		5 Years					5 Years			

Larger and custom configurations are available.

Larger and custom configurations are available.



Corporate Headquarters
Kaseya Miami
701 Brickell Avenue
Suite 400
Miami, FL 33131
partners@datto.com
www.datto.com

Global Offices
USA: 888.294.6312
Canada: 877.811.0577
EMEA: +44 (0) 118 402 9606
Australia: +61 (02) 9696 8190
Singapore: +65-31586291

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Datto SIRIS and Datto ALTO

Hardware Specifications



Model	S6-48	S6-60	S6-80	S6-100	S6-120
Capacity (TB)	48TB	60TB	80TB	100TB	120TB
Drives	6x 20TB	8x 20TB	10x 20TB	10x24TB	12x 24TB
Storage array	RAID 10				
Storage type	3.5" Enterprise SAS HDD				
OS drive	480GB SATA 2.5" SSD				480GB m.2 NAND SSD
SLOG drive	960GB SATA 2.5" SSD				960GB m.2 NAND SSD
CPU(s)	AMD EPYC 9555P (64c/128t, 3.20GHz)				
RAM	512GB DDR5 ECC (8x 64GB)				
LAN ports	2x 10GbE Base-T				
Video output	2x VGA (front/back)				
Remote management	IPMI / iDRAC Enterprise				
Power supply	1100W dual, redundant (1+1) hot-plug				
Input voltage	120 - 240V				
Form factor	2U rackmount full-depth				
Weight	54.5 lbs / 24.8 kg				
Dimensions (with bezel for rackmount)	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm				
Noise level (idle/stress)	69 dbA / 70 dbA				
Datto limited warranty	5 Years				

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Hardware Specifications



Model	S6-D2	S6-D4	S6-D6	S6-D8	S6-D10	S6-D12	S6-D16	S6-D24	S6-DX2	S6-DX4	S6-DX8	S6-DX12
Capacity (TB)	2	4	6	8	10	12	16	24	2	4	8	12
Drives	2x 10TB					2x 16TB		3x 16TB	2x 2TB	2x 4TB	3x 4TB	4x 4TB
Storage array	RAID 1 (mirror)							RAID 5	RAID 1 (mirror)		RAID 5	
Storage type	3.5" Enterprise SATA HDD									m.2 NVMe SSD		
OS drive	256GB m.2 NVMe SSD							256GB m.2 NVMe SSD				
SLOG drive	–					960GB SATA 2.5" SSD			–	–	–	–
CPU(s)	AMD EPYC™ 4245P (6c/12t 3.9GHz)					AMD EPYC™ 4345P (8c/16t 3.4GHz)			AMD EPYC™ 4345P (8c/16t 3.4GHz)			AMD EPYC™ 4465P (12c/24t 3.4 GHz)
RAM	32GB DDR5 non-ECC (2x 16GB)					64GB DDR5 non-ECC (2x 32GB)			32GB DDR5 non-ECC (2x 16GB)	64GB DDR5 non-ECC (2x 32GB)		128GB DDR5 non-ECC (4x 32GB)
LAN ports	2x 10Gb Base-T							2x 10Gb Base-T				
Video output	1x VGA 1x HDMI							1x VGA 1x HDMI				
Remote management	IPMI							IPMI				
Power supply	250W internal, cabled							250W internal, cabled				
Input voltage	120 - 240V							120 - 240V				
Form factor	Desktop NAS (platter-based)							Desktop NAS (NVMe-based)				
Weight	15.0 lbs / 6.81 kg							12.0 lbs / 5.45 kg				
Dimensions (with bezel for rackmount)	7.0" x 8.0" x 11.0" 17.5x 20.0 x 27.6cm							5.4" x 8.0" x 11.0" 13.5x 20.0 x 27.5cm				
Noise level (idle/stress)	44 dbA / 57 dbA							44 dbA / 57 dbA				
Datto limited warranty	5 years							5 years				



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