

Datto SIRIS and Datto ALTO Hardware Specifications

Model	ALTO 5	S6-X	S6-X4	S6-2	S6-3	S6-4	S6-6	S6-8	S6-12	S6-18
Capacity (TB)	2	2	4	2	3	4	6	8	12	18
Drives	1x 2TB	1x 2TB	1x 4TB	2x 4TB	2x 4TB	2x 4TB	2x 8TB	2x 8TB	2x 12TB	2x 20TB
Storage array	—	—	—	RAID 1 (mirror)	RAID 1 (mirror)	RAID 1 (mirror)	RAID 1 (mirror)	RAID 1 (mirror)	RAID 1 (mirror)	RAID 1 (mirror)
Storage type	NVMe m.2 SSD	NVMe m.2 SSD	NVMe m.2 SSD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD
OS drive	256GB NVMe m.2 TLC SSD	256GB NVMe m.2 TLC SSD	256GB NVMe m.2 TLC SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" SSD
SLOG drive	—	—	—	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD
CPU	Intel Celeron 7305 (5c/5t, 1.1GHz)	AMD Ryzen 7 PRO 8700GE (8c/16t, 3.6GHz)	AMD Ryzen 7 PRO 8700GE (8c/16t, 3.6GHz)	Intel Xeon 6357P (8c/16t, 3.0GHz)	Intel Xeon 6357P (8c/16t, 3.0GHz)	Intel Xeon 6357P (8c/16t, 3.0GHz)	Intel Xeon 6357P (8c/16t, 3.0GHz)	Intel Xeon 6357P (8c/16t, 3.0GHz)	AMD EPYC 9255 (24c/48t, 3.2GHz)	AMD EPYC 9255 (24c/48t, 3.2GHz)
RAM	8GB (DDR4 1x 8GB)	16GB (DDR5 non-ECC 1x 16GB)	16GB (DDR5 non-ECC 1x 16GB)	32GB (DDR5 ECC 1x 32GB)	32GB (DDR5 ECC 1x 32GB)	32GB (DDR5 ECC 1x 32GB)	64GB (DDR5 ECC 2x 32GB)	64GB (DDR5 ECC 2x 32GB)	96GB (DDR5 ECC 6x 16GB)	96GB (DDR5 ECC 6x 16GB)
1GB LAN port(s)	1	1	1	2	2	2	2	2	—	—
10GB LAN port(s)	—	—	—	2	2	2	2	2	2	2
Video output	1x HDMI 1x DisplayPort	2x DisplayPort	2x DisplayPort	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA
Remote management	—	—	—	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise
Power supply	65W External	90W External	90W External	600W Internal, cabled	600W Internal, cabled	600W Internal, cabled	600W Dual redundant (1+1) hot-plug	600W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug
Input voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Form factor	Micro Desktop	Micro Desktop	Micro Desktop	1U rackmount short-depth	1U rackmount short-depth	1U rackmount short-depth	1U rackmount short-depth	1U rackmount short-depth	1U rackmount full-depth	1U rackmount full-depth
Weight	3.04lbs / 1.38kg	3.05lbs / 1.38kg	3.05lbs / 1.38kg	23lbs / 10.5kg	23lbs / 10.5kg	23lbs / 10.5kg	23lbs / 10.5kg	23lbs / 10.5kg	38lbs / 17.3kg	38lbs / 17.3kg
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	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 59.68cm	1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.68cm	1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.68cm	1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.68cm	1.68 x 18.97 x 23.56" 4.28 x 48.2 x 59.68cm	1.68 x 18.97 x 32.16" 4.28 x 48.2 x 81.68cm	1.68 x 18.97 x 32.16" 4.28 x 48.2 x 81.68cm
Noise level Idle / Stress	23 dBA / 40dBA	45 dBA / 50 dBA	45 dBA / 50 dBA	57 dBA / 69 dBA	57 dBA / 69 dBA	57 dBA / 69 dBA	57 dBA / 69 dBA	57 dBA / 69 dBA	56 dBA / 69 dBA	56 dBA / 69 dBA
Limited warranty	3 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years

Larger and custom configurations available

Datto SIRIS and Datto ALTO Hardware Specifications

Model	S6-24	S6-36	S6-48	S6-60	S6-80	S6-100	S6-120
Capacity (TB)	24	36	48	60	80	100	120
Drives	3x 12TB	3x 20TB	6x 20TB	8x 20TB	10x 20TB	10x 24TB	12x 24TB
Storage array	RAID 5	RAID 5	RAID 10	RAID 10	RAID 10	RAID 10	RAID 10
Storage type	3.5" Enterprise SATA HDD	3.5" Enterprise SATA HDD	3.5" Enterprise SAS HDD	3.5" Enterprise SAS HDD	3.5" Enterprise SAS HDD	3.5" Enterprise SAS HDD	3.5" Enterprise SAS HDD
OS drive	480GB m.2 NAND SSD	480GB m.2 NAND SSD	480GB SATA 2.5" SSD	480GB SATA 2.5" 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	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB SATA 2.5" SSD	960GB m.2 NAND SSD
CPU	AMD EPYC 9255 (24c/48t, 3.2GHz)	AMD EPYC 9355 (32c/64t, 2.55GHz)	AMD EPYC 9555P (64c/128t, 3.20GHz)	AMD EPYC 9555P (64c/128t, 3.20GHz)	AMD EPYC 9555P (64c/128t, 3.20GHz)	AMD EPYC 9555P (64c/128t, 3.20GHz)	AMD EPYC 9555P (64c/128t, 3.20GHz)
RAM	96GB (DDR5 ECC 6x 16GB)	192GB (DDR5 ECC 12x 16GB)	512GB (DDR5 ECC 8x 64GB)	512GB (DDR5 ECC 8x 64GB)	512GB (DDR5 ECC 8x 64GB)	512GB (DDR5 ECC 8x 64GB)	512GB (DDR5 ECC 8x 64GB)
1GB LAN port(s)	—	—	—	—	—	—	—
10GB LAN port(s)	2	2	2	2	2	2	2
Video output	1x VGA	1x VGA	2x VGA (front/back)	2x VGA (front/back)	2x VGA (front/back)	2x VGA (front/back)	2x VGA (front/back)
Remote management	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise	IPMI / iDRAC Enterprise
Power supply	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug	1100W Dual, redundant (1+1) hot-plug
Input voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Form factor	1U rackmount full-depth	1U rackmount full-depth	2u rackmount full-depth	2u rackmount full-depth	2u rackmount full-depth	2u rackmount full-depth	2u rackmount full-depth
Weight	38lbs / 17.3kg	38lbs / 17.3kg	54.5lbs / 24.8kg	54.5lbs / 24.8kg	54.5lbs / 24.8kg	54.5lbs / 24.8kg	54.5lbs / 24.8kg
Dimensions With bezel for rackmount	1.68 x 18.97 x 32.16" 4.28 x 48.2 x 81.68cm	1.68 x 18.97 x 32.16" 4.28 x 48.2 x 81.68cm	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm	3.41 x 18.97 x 31.59" 8.68 x 48.2 x 80.24cm
Noise level Idle / Stress	56 dBA / 69 dBA	56 dBA / 69 dBA	69 dBA / 70 dBA	69 dBA / 70 dBA	69 dBA / 70 dBA	69 dBA / 70 dBA	69 dBA / 70 dBA
Limited warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years

Larger and custom configurations available

Datto SIRIS and Datto ALTO Hardware Specifications

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Datto SIRIS and Datto ALTO Hardware Specifications

Model	S6-DX2	S6-DX4	S6-DX8	S6-DX12
Capacity (TB)	2	4	8	12
Drives	2x 2TB	2x 4TB	3x 4TB	4x 4TB
Storage array	RAID 1 (mirror)	RAID 1 (mirror)	RAID 5	RAID 5
Storage type	m.2 NVMe SSD	m.2 NVMe SSD	m.2 NVMe SSD	m.2 NVMe SSD
OS drive	240GB m.2 NVMe SSD	240GB m.2 NVMe SSD	240GB m.2 NVMe SSD	240GB m.2 NVMe SSD
SLOG drive	—	—	—	—
CPU	AMD EPYC 4345P (8c/16t, 3.4GHz)	AMD EPYC 4345P (8c/16t, 3.4GHz)	AMD EPYC 4345P (8c/16t, 3.4GHz)	AMD EPYC 4465P (12c/24t, 3.4GHz)
RAM	32GB (DDR5 non-ECC 2x 16GB)	32GB (DDR5 non-ECC 2x 16GB)	64GB (DDR5 non-ECC 2x 32GB)	128GB (DDR5 non-ECC 4x 32GB)
1GB LAN port(s)	—	—	—	—
10GB LAN port(s)	2	2	2	2
Video output	1x VGA 1x HDMI	1x VGA 1x HDMI	1x VGA 1x HDMI	1x VGA 1x HDMI
Remote management	IPMI	IPMI	IPMI	IPMI
Power supply	250W internal, cabled	250W internal, cabled	250W internal, cabled	250W internal, cabled
Input voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Form factor	Desktop NAS (NVMe-based)	Desktop NAS (NVMe-based)	Desktop NAS (NVMe-based)	Desktop NAS (NVMe-based)
Weight	12lbs / 5.45kg	12lbs / 5.45kg	12lbs / 5.45kg	12lbs / 5.45kg
Dimensions With bezel for rackmount	5.4 x 8.0 x 11.0" 12.5 x 20 x 27.5cm	5.4 x 8.0 x 11.0" 12.5 x 20 x 27.5cm	5.4 x 8.0 x 11.0" 12.5 x 20 x 27.5cm	5.4 x 8.0 x 11.0" 12.5 x 20 x 27.5cm
Noise level Idle / Stress	42 dBA / 48 dBA	42 dBA / 48 dBA	42 dBA / 48 dBA	42 dBA / 48 dBA
Limited warranty	5 Years	5 Years	5 Years	5 Years

