# Datto SIRIS and Datto ALTO

## Hardware Specifications

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| 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 12TB | 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.


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# Datto SIRIS and Datto ALTO

## Hardware Specifications

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| 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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# Datto SIRIS and Datto ALTO

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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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