



	SA700	SA2000	SA2500	SA4000	SA4500	SA6000	SA6000 SP	SA6500
Dimensions	W x H x D: 17.25 x 1.74 x 9 in (43.80 x 4.41 x 22.86 cm) Weight: 10 lb (4.53 kg) typical (unboxed) Material: 18 gauge (.048 in) aluminum Fans: 1 ball-bearing inlet fan, plus 1 CPU blower	W x H x D: 16.7 x 1.7 x 15 in (42.4 x 4.4 x 38.1 cm) Weight: 13.2 lb (5.99 kg) typical (unboxed) Rack Mountable: Yes, 19"	W x H x D: 17.26 x 1.75 x 14.5 in (43.8 x 4.4 x 36.8 cm) Weight: 14.6 lb (6.6 kg) typical (unboxed) Rack Mountable: Yes, 1U	W x H x D: 16.7 x 1.7 x 15 in (42.4 x 4.4 x 38.1 cm) Weight: 13.6 lb (6.17 kg) typical (unboxed) Rack Mountable: Yes, 19"	W x H x D: 17.26 x 1.75 x 14.5 in (43.8 x 4.4 x 36.8 cm) Weight: 15.6 lb (7.1 kg) typical (unboxed) Rack Mountable: Yes, 1U	W x H x D: 16.7 x 3.5 x 16.2 in (42.4 x 8.9 x 41.2 cm) Weight: 28.5 lb (12.94 kg) typical (unboxed) Rack Mountable: Yes, 19"	W x H x D: 16.7 x 3.5 x 16.2 in (42.4 x 8.9 x 41.2 cm) Weight: 28.5 lb (12.94 kg) typical (unboxed) Rack Mountable: Yes, 19"	W x H x D: 17.26 x 3.5 x 17.72 in (43.8 x 8.8 x 45 cm) Weight: 26.4 lb (7.1 kg) typical (unboxed) Rack Mountable: Yes, 2U, 19 inch
Power	Input Voltage and Current 90-264 VAC Full Range 4 A (RMS) at 90 VAC 2 A (RMS) at 264 VAC Input Frequency 47-63 Hz Efficiency 65% min, at full load Output power 220 W Power Supply Mean Time Between Failures (MTBF) 100,000 hours at 25° C	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 260 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 65% minimum, at full load MTBF: 87,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: 1 blower, 1-40 mm ball bearing fan in power supply	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 200 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 80% minimum, at full load MTBF: 75,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: Three 40mm ball bearing fans, One 40mm ball bearing fan in power supply	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 260 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 65% minimum, at full load MTBF: 70,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: 1 blower, 1-40 mm ball bearing fan in power supply	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 300 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 80% minimum, at full load MTBF: 72,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: Three 40mm ball bearing fans, One 40mm ball bearing fan in power supply	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 500 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 65% minimum, at full load MTBF: 78,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: 2 externally accessible, hot swappable ball-bearing fans	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 500 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 65% minimum, at full load MTBF: 78,000 hours Material: 18 gauge (0.48") cold-rolled steel Fans: 2 externally accessible, hot swappable ball-bearing fans	A/C Power Supply: 100-240 VAC, 50-60 Hz, 2.5 A, Max. 400 Watts System Battery: CR2032 3 V lithium coin cell Efficiency: 80% minimum, at full load MTBF: 98,000 hours Material: 18 gauge (0.48 in) cold-rolled steel Fans: Two 80mm hot swap, One 40mm ball bearing fan, in power supply
Front Panel Display	Front Panel Power Switch Power LED Access LED (Drive Access)	Front Panel Power Button: Yes Power LED, HD Activity, Temp: Yes PS Fail: No HDD Activity and RAID Status LEDs: No	Power LED, HD Activity, Temp: Yes HDD Activity and Fail LED on Drive Tray: No	Front Panel Power Button: Yes Power LED, HD Activity, Temp: Yes PS Fail: No HDD Activity and RAID Status LEDs: No	Power LED, HD Activity, Temp: Yes HDD Activity and Fail LED on Drive Tray: No	Front Panel Power Button: Yes Power LED, HD Activity, Temp: Yes PS Fail: Yes HDD Activity and RAID Status LEDs: Yes	Front Panel Power Button: Yes Power LED, HD Activity, Temp: Yes PS Fail: Yes HDD Activity and RAID status LEDs: Yes	Power LED, HD Activity, Temp: Yes HDD Activity and Fail LED on Drive Tray: Yes
Ports	Network Ports: Two RJ-45 Ethernet 10/100 Full or Half-Duplex (Auto-Negotiation) IEEE 802.3u Compliant Console Port: One 9-Pin Serial Console Port	Traffic: Two RJ-45 Ethernet 10/100/1000 full or half-duplex (auto-negotiation) Management: n/a Fast Ethernet: IEEE 802.3u compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One 9-pin serial console port	Traffic: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Management: n/a Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One RJ-45 serial console port	Traffic: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Management: n/a Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One 9-Pin Serial Console Port	Traffic: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Management: n/a Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One RJ-45 serial console port	Traffic: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Two SFP ports - Gig-E Management: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One 9-Pin Serial Console Port	Traffic: Two RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Two SFP ports - Gig-E Management: One RJ-45 Ethernet 10/100/1000 Full or Half-Duplex (Auto-Negotiation) Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One 9-pin serial console port	Traffic: Four RJ-45 Ethernet - full or half-duplex (auto-negotiation) for link redundancy to internal switches SFP module optional Management: One RJ-45 Ethernet 10/100/1000 full or half-duplex (auto-negotiation) Fast Ethernet: IEEE 802.3u Compliant Gigabit Ethernet: IEEE 802.3z or IEEE 802.3ab compliant Console: One RJ-45

	SA700	SA2000	SA2500	SA4000	SA4500	SA6000	SA6000 SP	SA6500
								serial console port
Environment	<p>Temperature Range Operating: 41° to 86° F (5° to 30° C) Operating (Short-Term) Temperature: 32° to 122° F (0° to 50° C) Non-Operating Temperature: -22° to 140° F (-30° to 60° C) Relative Humidity (Operating): 20% to 80% non-condensing Relative Humidity (Non-Operating): 5% to 95% non-condensing Altitude: Up to 10,000 ft (3,000 m) Shock Operating: 2 G at 11 ms Non-operating: 30 G at 11 ms</p>	<p>Operating Temperature: 50° to 95° F (10° to 35° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 90% non-condensing Altitude (Operating): -50 to 10,000 ft (3,000 m) Altitude (Storage): -50 to 35,000 ft (10,600 m)</p>	<p>Operating Temperature: 41° to 104° F (5° to 40° C) Operating Temperature: 41° to 104° F (5° to 40° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 95% non-condensing Altitude (Operating): 10,000 ft (3,048 m) maximum Altitude (Storage): 40,000 ft (12,192 m) maximum</p>	<p>Operating Temperature: 50° to 95° F (10° to 35° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 90% non-condensing Altitude (Operating): -50 to 10,000 ft (3,000 m) Altitude (Storage): -50 to 35,000 ft (10,600 m)</p>	<p>Operating Temperature: 41° to 104° F (5° to 40° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 95% non-condensing Altitude (Operating): 10,000 ft (3,048 m) maximum Altitude (Storage): 40,000 ft (12,192 m) maximum</p>	<p>Operating Temperature: 50° to 104° F (10° to 40° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 90% non-condensing Altitude (Operating): -50 to 10,000 ft (3,000 m) Altitude (Storage): -50 to 35,000 ft (10,600 m)</p>	<p>Operating Temperature: 50° to 104° F (10° to 40° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 90% non-condensing Altitude (Operating): -50 to 10,000 ft (3,000 m) Altitude (Storage): -50 to 35,000 ft (10,600 m)</p>	<p>Operating Temperature: 41° to 104° F (5° to 40° C) Storage Temperature: -40° to 158° F (-40° to 70° C) Relative Humidity (Operating): 8% to 90% non-condensing Relative Humidity (Storage): 5% to 95% non-condensing Altitude (Operating): 10,000 ft (3,048 m) maximum Altitude (Storage): 40,000 ft (12,192 m) maximum</p>
Certifications	<p>Safety: UL (UL 60950-1 First Edition: 2003) CUL (CAN/CSA-C22.2 No. 60950-1-03 First Edition) TUV GS (EN 60950-1:2002) AS/NZS CISPR 22: 2002, Class B Emissions: FCC Class B, VCCI Class B, CE class B</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1:2003, CSA C22.2 No. 60950-1 IEC 60950-1:2001 Emissions: FCC Class A, VCCI Class A, CE class A Common Criteria EAL2 Certification: Yes FIPS Option (140-2, Level 3 Certification): No Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1:2003 CAN/CSA C22.2 No. 60950-1-03 IEC 60950-1:2001 Emissions: FCC Class A, EN 55022 Class A EN 55024 Immunity EN 61000-3-2 VCCI Class A Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1: 2003 CAN/CSA C22.2 No. 60950-1 IEC 60950-1:2001 Emissions: FCC Class A, VCCI Class A, CE class A Common Criteria EAL2 Certification: Yes FIPS Option (140-2, Level 3 Certification): Yes Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1: 2003 CAN/CSA C22.2 No. 60950-1-03 IEC 60950-1:2001 Emissions: FCC Class A, EN 55022 Class A EN 55024 Immunity EN 61000-3-2 VCCI Class A Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1: 2003 CAN/CSA C22.2 No. 60950-1 IEC 60950-1:2001 Emissions: FCC Class A, VCCI Class A, CE class A Common Criteria EAL2 Certification: Yes FIPS Option (140-2, Level 3 Certification): Yes Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1: 2003 CSA C22.2 No. 60950-1 IEC 60950-1:2001 Emissions: FCC Class A, VCCI Class A, CE class A Common Criteria EAL2 Certification: Yes FIPS Option (140-2, Level 3 Certification): Yes Warranty: Warranty: 90 days; Can be extended with support contract</p>	<p>Safety: EN60950-1:2001+A11 UL60950-1: 2003 CAN/CSA C22.2 No. 60950-1-03 IEC 60950-1:2001 Emissions: FCC Class A, EN 55022 Class A EN 55024 Immunity EN 61000-3-2 VCCI Class A Warranty: 90 days; Can be extended with support contract</p>
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