

All Flash (AFF A-Series)				
Model	AFF A700	AFF A700s	AFF A300	AFF A200
Front View				
Max Capacity <small>(Decimal Binary)</small>	73PB 6.5PiB	3.3PB 2.9PiB	5.9PB 5.2PiB	2.2PB 2.0PiB
Effective Capacity <small>(Decimal Binary)</small>	29.7PB 26.4PiB	13.0PB 11.5PiB	23.8PB 21.1PiB	8.8PB 7.8PiB
Max Aggregate Size	800TiB	800TiB	800TiB	800TiB
Max FlexVol Size	100TiB	100TiB	100TiB	100TiB
Max Cluster Nodes <small>(NAS SAN)</small>	24 12	24 12	24 12	8 8
Max SSD Quantity	480	216 24 int + 192 ext	384	144 24 int + 124 ext
Rack Units	8U	4U	3U	2U
Weight <small>(English Metric)</small>	214.5lb 97.3kg	114.9lb 52.1kg	76.0lb 34.5kg	58.64lb 26.6kg
Amps* <small>(Typical Worst-case)</small>	1750 1836 @100V 8.50 8.0 @200V	615 755 @200V	565 649 @100V 2.71 3.19 @200V	339 512 @100V 1.81 2.51 @200V
BTU/hr* <small>(Typical Worst-case)</small>	5854 6140 @100V 5798 6021 @200V	4096 5045 @200V	1888 2071 @100V 1850 2130 @200V	1233 1710 @100V 1209 1676 @200V
Processor	4x 64-bit 72 total cores	4x 64-bit 72 total cores	2x 64-bit 32 total cores	2x 64-bit 12 total cores
Memory	1024GB	1024GB	256GB	64GB
NVRAM	64GB	32GB	16GB	8GB
Expansion Slots	20x 10 Modules	8x PCIe	4x PCIe	4x
Onboard Ethernet Ports	Expansion Slot Only	40Gb QSFP+	4x 10Gb RJ45 4x 10Gb SFP+	10GbE SFP+
Onboard SATA Ports	Expansion Slot Only	Expansion Slot Only	8x 10GbE 16Gb FC SFP+	8x 10GbE 16Gb FC SFP+
Onboard SAS Ports	Expansion Slot Only	Expansion Slot Only	12Gb MiniSAS HD	12Gb MiniSAS HD
Min ONTAP Version	9.1	9.1	9.1	9.1

All Flash (SolidFire)					
Model	SF3840	SF1920	SF9605	SF4805	SF9608
Front View					
Max Capacity <small>(Decimal Binary)</small>	38.4TiB 34.8TiB	19.2TiB 17.4TiB	9.6TiB 8.7TiB	4.8TiB 4.3TiB	7.7TiB 7.0TiB
Effective Capacity <small>(Decimal Binary)</small>	72.6 145.4TiB	36.3 72.7TiB	18.1 36.3TiB	9 18.1TiB	14.1 28.2TiB
Performance <small>(Per Node)</small>	100,000 IOPS	100,000 IOPS	50,000 IOPS	50,000 IOPS	75,000 IOPS
Max Volumes <small>(Per Node)</small>	700	700	700	700	700
Max ISCSI Sessions <small>(Per Node)</small>	700	700	700	700	700
Drive Quantity <small>(Per Node)</small>	10x 3.84TiB 2.5" SSD	10x 1.92TiB 2.5" SSD	10x 960GB 2.5" SSD	10x 480GB 2.5" SSD	8x 960GB 2.5" SSD
Rack Units	1U	1U	1U	1U	1U
Weight <small>(English Metric)</small>	3810 172kg	3810 172kg	3810 172kg	3810 172kg	3790 172kg
Amps* <small>(Typical Worst-case)</small>	3.41 5.11 @110V 1.71 2.56 @220V	3.41 5.11 @110V 1.71 2.56 @220V	2.415 3.125 @110V 1.207 1.563 @220V	2.045 2.614 @110V 1.023 1.307 @220V	6.38 6.29 @110V 3.19 2.9 @220V
Watts* <small>(Typical Worst-case)</small>	300 / 450 @110V, 220V	300 / 450 @110V, 220V	212.5 275 @110V, 220V	180 230 @110V, 220V	621 621 @110V, 220V
BTU/hr* <small>(Typical Worst-case)</small>	1024 1535 @110V, 220V	1024 1535 @110V, 220V	725 938 @110V, 220V	614 785 @110V, 220V	219 219 @110V, 220V
Processor	2x 64-bit 28 total cores	2x 64-bit 28 total cores	2x 64-bit 12 total cores	2x 64-bit 12 total cores	2x 64-bit 16 total cores
Memory	768GB	384GB	256GB	128GB	256GB
NVRAM	8GB	8GB	8GB	8GB	8GB
Onboard Management Ports	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45
Onboard Host (iSCSI) Ports	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+
Min Element OS Version	9.3	7.0	7.0	7.0	9.21

FlexPod SF					
Model	SF3840	SF1920	SF9605	SF4805	SF9608
Front View					
Max Capacity <small>(Decimal Binary)</small>	38.4TiB 34.8TiB	19.2TiB 17.4TiB	9.6TiB 8.7TiB	4.8TiB 4.3TiB	7.7TiB 7.0TiB
Effective Capacity <small>(Decimal Binary)</small>	72.6 145.4TiB	36.3 72.7TiB	18.1 36.3TiB	9 18.1TiB	14.1 28.2TiB
Performance <small>(Per Node)</small>	100,000 IOPS	100,000 IOPS	50,000 IOPS	50,000 IOPS	75,000 IOPS
Max Volumes <small>(Per Node)</small>	700	700	700	700	700
Max ISCSI Sessions <small>(Per Node)</small>	700	700	700	700	700
Drive Quantity <small>(Per Node)</small>	10x 3.84TiB 2.5" SSD	10x 1.92TiB 2.5" SSD	10x 960GB 2.5" SSD	10x 480GB 2.5" SSD	8x 960GB 2.5" SSD
Rack Units	1U	1U	1U	1U	1U
Weight <small>(English Metric)</small>	3810 172kg	3810 172kg	3810 172kg	3810 172kg	3790 172kg
Amps* <small>(Typical Worst-case)</small>	3.41 5.11 @110V 1.71 2.56 @220V	3.41 5.11 @110V 1.71 2.56 @220V	2.415 3.125 @110V 1.207 1.563 @220V	2.045 2.614 @110V 1.023 1.307 @220V	6.38 6.29 @110V 3.19 2.9 @220V
Watts* <small>(Typical Worst-case)</small>	300 / 450 @110V, 220V	300 / 450 @110V, 220V	212.5 275 @110V, 220V	180 230 @110V, 220V	621 621 @110V, 220V
BTU/hr* <small>(Typical Worst-case)</small>	1024 1535 @110V, 220V	1024 1535 @110V, 220V	725 938 @110V, 220V	614 785 @110V, 220V	219 219 @110V, 220V
Processor	2x 64-bit 28 total cores	2x 64-bit 28 total cores	2x 64-bit 12 total cores	2x 64-bit 12 total cores	2x 64-bit 16 total cores
Memory	768GB	384GB	256GB	128GB	256GB
NVRAM	8GB	8GB	8GB	8GB	8GB
Onboard Management Ports	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45
Onboard Host (iSCSI) Ports	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+
Min Element OS Version	9.3	7.0	7.0	7.0	9.21

NetApp HCI					
Model	SF3840	SF1920	SF9605	SF4805	SF9608
Front View					
Max Capacity <small>(Decimal Binary)</small>	38.4TiB 34.8TiB	19.2TiB 17.4TiB	9.6TiB 8.7TiB	4.8TiB 4.3TiB	7.7TiB 7.0TiB
Effective Capacity <small>(Decimal Binary)</small>	72.6 145.4TiB	36.3 72.7TiB	18.1 36.3TiB	9 18.1TiB	14.1 28.2TiB
Performance <small>(Per Node)</small>	100,000 IOPS	100,000 IOPS	50,000 IOPS	50,000 IOPS	75,000 IOPS
Max Volumes <small>(Per Node)</small>	700	700	700	700	700
Max ISCSI Sessions <small>(Per Node)</small>	700	700	700	700	700
Drive Quantity <small>(Per Node)</small>	10x 3.84TiB 2.5" SSD	10x 1.92TiB 2.5" SSD	10x 960GB 2.5" SSD	10x 480GB 2.5" SSD	8x 960GB 2.5" SSD
Rack Units	1U	1U	1U	1U	1U
Weight <small>(English Metric)</small>	3810 172kg	3810 172kg	3810 172kg	3810 172kg	3790 172kg
Amps* <small>(Typical Worst-case)</small>	3.41 5.11 @110V 1.71 2.56 @220V	3.41 5.11 @110V 1.71 2.56 @220V	2.415 3.125 @110V 1.207 1.563 @220V	2.045 2.614 @110V 1.023 1.307 @220V	6.38 6.29 @110V 3.19 2.9 @220V
Watts* <small>(Typical Worst-case)</small>	300 / 450 @110V, 220V	300 / 450 @110V, 220V	212.5 275 @110V, 220V	180 230 @110V, 220V	621 621 @110V, 220V
BTU/hr* <small>(Typical Worst-case)</small>	1024 1535 @110V, 220V	1024 1535 @110V, 220V	725 938 @110V, 220V	614 785 @110V, 220V	219 219 @110V, 220V
Processor	2x 64-bit 28 total cores	2x 64-bit 28 total cores	2x 64-bit 12 total cores	2x 64-bit 12 total cores	2x 64-bit 16 total cores
Memory	768GB	384GB	256GB	128GB	256GB
NVRAM	8GB	8GB	8GB	8GB	8GB
Onboard Management Ports	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45	2x GbE RJ45
Onboard Host (iSCSI) Ports	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+	2x 10GbE SFP+
Min Element OS Version	9.3	7.0	7.0	7.0	9.21

Hybrid Flash (FAS)				
Model	FAS9000	FAS8200	FAS2650	FAS2620
Front View				
Max Capacity <small>(Decimal Binary)</small>	14.4PB 12.8PiB	7.3PB 6.5PiB	2.2PB 1.95PiB	2.1PB 1.9PiB
Max System Cache <small>(Flash Pool + Flash Cache)</small>	144TiB	72TiB	24TiB	24TiB
Max Aggregate Size	400TiB	400TiB	400TiB	400TiB
Max FlexVol Size	100TiB	100TiB	100TiB	100TiB
Max Vol Size for Dynamic Disk Pools	24 12	24 12	8 8	8 8
Max Drive Quantity <small>(HDD SSD)</small>	1440 480	480 480	144 144 24 int + 124 ext	144 144 12 int + 124 ext
Rack Units	8U	3U	2U	2U
Weight <small>(English Metric)</small>	214.5lb 97.3kg	76.0lb 34.5kg	58.64lb 26.6kg	61.95lb 28.1kg
Amps* <small>(Typical Worst-case)</small>	1750 1836 @100V 8.50 9.0 @200V	565 649 @100V 2.71 3.19 @200V	4.94 6.38 @100V 2.43 3.13 @200V	4.15 5.58 @100V 2.04 2.74 @200V
BTU/hr* <small>(Typical Worst-case)</small>	5854 6140 @100V 5798 6021 @200V	1888 2071 @100V 1850 2130 @200V	1521 2134 @100V 1622 2093 @200V	1306 1864 @100V 1359 1830 @200V
Processor	4x 64-bit 72 total cores	2x 64-bit 32 total cores	2x 64-bit 12 total cores	2x 64-bit 12 total cores
Memory	1024GB	256GB	16GB	64GB
NVRAM	64GB	16GB	8GB	8GB
Expansion Slots	20x 10 Modules	4x PCIe	4x PCIe	4x PCIe
Onboard Ethernet Ports	Expansion Slot Only	4x 10GbE RJ45 4x 10GbE SFP+	4x 10GbE SFP+	4x 10GbE SFP+
Onboard SATA Ports	Expansion Slot Only	8x 10GbE 16Gb FC SFP+	8x 10GbE 16Gb FC SFP+	8x 10GbE 16Gb FC SFP+
Onboard SAS Ports	Expansion Slot Only	8x 12Gb MiniSAS HD	4x 12Gb MiniSAS HD	4x 12Gb MiniSAS HD
Min ONTAP Version	9.1	9.1	9.1	9.1

Hybrid Flash (E-Series)						
Model	E5760	E5724	E2860	E2824	E2812	All Flash (EF-Series)
Front View						
Max Capacity <small>(Decimal Binary)</small>	4.8PB 4.23PiB	4.57PB 4.06PiB	1.8PB 1.6PiB	1.76PB 1.56PiB	1.8PB 1.6PiB	1.84PB 1.63PiB
Max Dynamic Disk Pool Volumes	2048	2048	512	512	512	2048
Max Volumes	2048	2048	512	512	512	2048
Max Vol Size for Dynamic Disk Pools	64TB	64TB	64TB	64TB	64TB	64TB
Max Drive Quantity	480	444	180	180	180	120
Rack Units	4U	2U	2U	2U	2U	2U
Weight <small>(English Metric)</small>	217.5lb 98.6kg	50.6lb 22.9kg	224.7lb 101.9kg	50.6lb 22.9kg	60.2lb 27.3kg	50.6 lb 22.9kg
Amps* <small>(Typical Worst-case)</small>	610 768 @220V	4.66 6.40 @110V 2.09 2.96 @220V	5.78 7.49 @220V	4.18 5.92 @110V 2.09 2.96 @220V	4.18 4.97 @110V 2.09 2.96 @220V	4.66 6.40 @110V 2.33 3.34 @220V
BTU/hr* <small>(Typical Worst-case)</small>	4529 5705 @110V, 220V	1836 2483 @110V, 220V	4593 5641 @110V, 220V	1553 2200 @110V, 220V	1553 1847 @110V, 220V	1709 2096 @110V, 220V
Processor	2x 64-bit 16 total cores	2x 64-bit 16 total cores	2x 64-bit 8 total cores	2x 64-bit 8 total cores	2x 64-bit 8 total cores	2x 64-bit 16 total cores
Memory	64GB 16GB	64GB 16GB	64GB 16GB	64GB 16GB	64GB 16GB	64GB 16GB
Host Interface Cards	2	2	2	2	2	2
Onboard FC/ISCSI Ports	4x SFP+ 1/10GbE or 16Gb FC	4x SFP+ 1/10GbE or 16Gb FC	4x 10GbE/16Gb SFP+ or 4x 10GbE RJ45	4x 10GbE/16Gb SFP+ or 4x 10GbE RJ45	4x 10GbE/16Gb SFP+ or 4x 10GbE RJ45	4x SFP+ 1/10GbE or 16Gb FC
Onboard SAS Ports	4x 12Gb miniSAS HD	4x 12Gb miniSAS HD	4x 12Gb miniSAS HD	4x 12Gb miniSAS HD	4x 12Gb miniSAS HD	4x 12Gb miniSAS HD
Min SAN/FC Firmware Version	11.40	11.40	11.30.1	11.30	11.30	11.40

AFF A-Series and FAS Shelves and Drives				
Model	DS212C	DS224C	DS460C	FibreBridge 7500
Chassis Front View				
Max Drive Quantity	12	24	60	-
Drive Form Factor	3.5" large form factor	2.5" small form factor	2.5" and 3.5"	-
Empty Shelf	X5721A (2x PSU) X5724A (4x PSU)	X5721A (2x PSU) X5724A (4x PSU)	X5721A (2x PSU) X5724A (4x PSU)	-
Power Supply	X5726A (915W AC)	X5726A (915W AC)	X5726A (915W AC)	-