

BrightDrive SAN Server for Media - Tech Specs

Version Comparison Astella / Triton / Procyon



Server Chassis	4U server enclosure with rack mount kit, dual FRU power supplies/fan assemblies, and 12Gbit SAS drive backplane	1U server enclosure with rack mount kit, dual FRU power supplies/fan assemblies, a 12Gbit SAS midplane, and 48GB RAM.	2U server enclosure with rack mount kit, dual server modules, dual FRU power supplies/fan assemblies, a 12Gbit SAS midplane, and 48GB RAM.
Metadata chassis	Embedded	Embedded	Embedded
UPS + PDU	n/a	n/a	n/a
RAID Specs	2 x RAID 6 plus 1 x RAID 1; software RAID engine technology 32GB dedicated cache (SSD cache optional)	4 x RAID 1 for workspace metadata	8 x RAID 1 for workspace metadata
Drive Support	36 x 3.5-inch SAS/SATA hot-swap HDD or SSD (includes 2 spares) for mirrored metadata	2 x 2.5-inch 1TB SAS 6Gbit/s hot-swap hard drives; 6 x 2.5-inch 300GB SAS hot-swap HDD or SSD; 1 x 32GB SATADOM	2 x 3.5-inch 1TB SAS 6Gbit/s hot-swap hard drives; 14 x 3.5-inch 300GB SAS hot-swap HDD or SSD; 1 x 32GB SATADOM
Workspaces	1 embedded workspace	Supports up to four workspace data sets	Supports up to eight workspace data sets
Operating System	Linux	Linux	Linux
Supported Client OS	Windows, MAC OSX, Linux	Windows, MAC OSX, Linux	Windows, MAC OSX, Linux
Connectivity	Fibre Channel: 4 x 8Gb/s (expandable to 8 x 8 Gb/s) (16Gb/32Gb optional) Ethernet: 2 x 1GbE (10GbE/40GbE optional)	Fibre Channel: 1 x 8Gbit (16GB/32GB optional) Ethernet: 2 x 10GbE (40GbE optional)	Fibre Channel: 2 x 8Gbit (16GB/32GB optional) Ethernet: 2 x 10GbE (40GbE optional)
Scalability	Scale with JBODs	Scalable to support from one to four workspace data sets	Scalable to support from one to eight workspace data sets
Number of Streams	3 streams (2K)	Multiple concurrent streams of film resolution material, based upon selected storage	Multiple concurrent streams of film resolution material, based upon selected storage
High Availability	No	No	Yes
Warranty	Yes, 12 months with advanced replacement; Warranty extension optional	Yes, 12 months with advanced replacement; Warranty extension optional	Yes, 12 months with advanced replacement; Warranty extension optional
Service Available	Full service and support	Full service and support	Full service and support
Electrical			
Voltage	100-240 Vac Auto-Ranging 50-60 Hz	100-240 Vac Auto-Ranging 50-60 Hz	100-240 Vac Auto-Ranging 50-60 Hz
Current (Maximum)	8A@100V; 6A@240V	8-6A@ 100V; 4.5-3.8@ 240V	12-15A @100-127V ; 7-8.5A @ 200-240V
Power Supply	1280W Redundant 80 Plus Platinum Certified	700W Redundant 80 Plus Platinum Certified	1200W Redundant 80 Plus Titanium Certified
Power Consumption	647 Watts (peak load)	398 Watts (peak load)	644 Watts (peak load)
Environmental			
Operating Temperature	10°- 35°C (-40° +70°C non operational)	10°- 35°C (-40° +70°C non operational)	10°- 35°C (-40° +70°C non operational)
Relative Humidity	8%-90% operating (5%-95% non-operational)	8%-90% operating (5%-95% non-operational)	8%-90% operating (5%-95% non-operational)
Certifications	FCC Class A, EN55022 Class A, CISPR 22 Class A CSA Listed/EN/IEC/UL 60950-1 Compliant, CE Marking	FCC Class A, EN55022 Class A, CISPR 22 Class A CSA Listed/EN/IEC/UL 60950-1 Compliant, CE Marking	FCC Class A, EN55022 Class A, CISPR 22 Class A CSA Listed/EN/IEC/UL 60950-1 Compliant, CE Marking
Mechanical			
Height	7" (178mm)	1.7" (43mm)	3.5" (89mm)
Width	17.2" (437mm)	17.2" (437mm)	17.2" (437mm)
Depth	27.5" (699mm)	23.5" (597mm)	25.25" (641mm)
Gross Weight	80 lbs (36.3 kg)	39 lbs (17.7 kg)	67 lbs (30.4 kg)