Ultimate Series
When performance is everything

Functional Summary

The Ultimate enterprise storage solution combines architectural flexibility with super-fast all-flash capacity modules. The Ultimate is intended for businesses that need the highest-performing storage solution possible. Powered by our Atlas software platform, the Ultimate offers not only performance and the ability to scale massively in multiple dimensions (scale out with scale up performance) but also provides intelligent data integrity, ease of use, and transparent centralized management. The following table includes the operational specifications for the Ultimate Series.

Technical Specifications

Ultimate 25 overview

Throughput	Up to 25 GB/s
Network protocols	SMB up to v3
	NFS up to v4
Notification & monitoring	SMTP, Webhooks/API, SNMP
Management	Web interface, RESTful API

Configuration

	Ports	Speed	Connector	Supported Speeds
CPU	16 cores @ 3.6 GHz			
RAM	1 TB DDR4 ECC			
Ethernet connectivity	6	100 Gbps	QSFP28	1/10/25/40/50/100 GbE
	2	10 Gbps	RJ45	1/10 GbE
Out-of-band management	IPMI 2.0			
System drives	Mirrored SSDs			
Supported platforms	Atlas 1.5 or later			
High availability compatible	Yes			
Maximum F or FD modules	8			
Maximum H or HD modules	0			

Dimensions

Form factor	2 rack units (RU)
Physical height	3.5 in (8.9 cm)
Physical width	17.5 in (44.5 cm)
Physical depth	20.1 in (51.1 cm)

Power	
Power supplies	Dual redundant 800W
Power supply input	100-240 VAC / 50-60 Hz
Power certification	Platinum
Steady power	350W

Temp range	
Env operating temperature	50° F - 85° F (10° C - 30° C)
Env non-operating temperature	14° F - 122° F (-10° C - 50° C)

Supported Capacity Module Specifications

Attributes	F Module	FD Module
Solution type	Flash	Flash
Drive interface	NVMe over PCIe	NVMe over PCIe
Drive form factor	2.5" U.2	2.5" in U.2
Drive count	8	24

Power	F Module	FD Module
Power supplies	Dual redundant 800W	Dual redundant 800W
Power supply input	100-240 VAC / 50-60 Hz	100-240 VAC / 50-60 Hz
Power certification	Platinum	Platinum
Steady power	220 W	450 W

Dimensions	F Module	FD Module
Form factor	2 rack units (RU)	2 rack units (RU)
Physical height	3.5 in (8.9 cm)	3.5 in (8.9 cm)
Physical width	17.5 in (44.5 cm)	17.5 in (44.5 cm)
Physical depth	13.4 in (34.0 cm)	13.4 in (34.0 cm)

Temp range	F Module	FD Module
Env operating temperature	50° F - 85° F (10° C - 30° C)	50° F - 85° F (10° C - 30° C)
Env non-operating temperature	14° F - 122° F (-10° C - 50° C)	14° F - 122° F (-10° C - 50° C)

Options	F1	F2	F4	F8	F16	FD2	FD4	FD8	FD16
Drive sizes	960 GB	1.92 TB	3.84 TB	7.68 TB	15.36 TB	1.92 TB	3.84 TB	7.68 TB	15.36 TB
Pool usable capacity*	4.8 TB	9.6 TB	19.2 TB	38.5 TB	77 TB	30 TB	60 TB	115 TB	230 TB

* Based on all drives in OpenDrives standard dual parity pool

open drives.