



Ultimate Series

When performance is everything

Functional Summary

The Ultimate enterprise storage solution combines architectural flexibility and scalability with super-fast all-flash NVMe capacity modules. This series, built on the Ultra Hardware Platform, is intended for businesses needing the highest-performing storage possible. Powered by our Atlas software, the Ultimate offers not only performance and scale but also robust data integrity, ease of use, and transparent centralized management. The following table includes the Ultimate's operational specifications.



Technical Specifications

Ultimate 25 overview

Throughput	Up to 25 GB/s
Network protocols	SMB up to v3.1.1
	NFS up to v4.2
	S3 object API
Notification & monitoring	SMTP, Webhooks/API, SNMP, OpenMetrics and more
Management	Secure web interface, RESTful API

Configuration

CPU	48 cores @ 3.0 GHz			
RAM	1 TB DDR4 ECC			
	Ports	Speed	Connector	Supported speeds
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/Redfish			
System drives	Mirrored hot-swappable SSDs			
Supported platforms	Atlas 1.5 or later			
High availability compatible	Yes			
Maximum F or FD modules	4			

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	21 in (53.3 cm)

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

Environment temperature range	
Operating temperature	50 – 85°F (10 – 30°C)
Non-operating temperature	14 – 122°F (-10 – 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 in, 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	2RU	2RU
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	14.3 in (36.2 cm)	14.3 in (36.2 cm)
Physical weight (racked)	32.4 lbs (14.7 Kg)	40.8 lbs (18.5 Kg)

Temp. range	F Module	FD Module
Environment operating temp.	50°– 85°F (10 – 30°C)	50 – 85°F (10 – 30°C)
Environment non-operating temp.	14 – 122°F (-10 – 50°C)	14 – 122°F (-10 – 50°C)

Options	F1	F2	F4	FD2	FD4	FD8	FD16	FD30
Drive sizes	960 GB	1.92 TB	3.84 TB	1.92 TB	3.84 TB	7.68 TB	15.36 TB	30.72 TB
Pool usable capacity*	4.8 TB	9.6 TB	19.2 TB	29 TB	58 TB	115 TB	231 TB	462 TB

* Based on all drives in OpenDrives standard dual parity pool