



Efficient Storage Expansion

OTAON K10-200M



Max capacity per unit:
Up to **368TB**
(24 x 15.36TB, 2.5 SAS SSD)



Expansion:
10 total enclosures
including Master



Workloads

High-density edge or core data center storage

Video surveillance retention

Scale-out capacity expansion

Transfer data fast with a 12Gb/s SAS interface

Get data to applications when and where it's needed with up to 12Gb/s speed, right-sized capacity, and effective maximum throughput of 14.4GB/s in a single I/O module or 28.8GB/s in a dual controller configuration. Even with expansion capability of up to 120 hard drives or solid-state drives, there is no sacrifice of space for performance.

Deliver versatile architecture built to grow

This flexible enclosure includes support and capabilities to manage cables, universal ports, configuration controls, and standardized zoning. As a key building block of our modular systems – which make all critical components interchangeable regardless of size or budget – this enclosure's modularity makes it easy to set up, maintain, and expand via interchangeable FRUs and hot-swappable components.

Ensure applications have access to critical data

Safeguard your data with fault diagnosis, resolution capabilities, persistent error logging, and monitoring while ensuring maximum availability and harnessing high-availability features such as dual PCMs and I/O modules, as well as dual data paths to all drives.

Reduce cost and resources with energy-efficient features

This enclosure is suited for both high-capacity and transaction-dependent environments that demand tighter Service Level Agreement (SLA) requirements and need faster response times for optimal data availability. It meets stringent worldwide requirements for recycling and environmental friendliness, can help you minimize environmental impact, and recognize cost savings through high performance.

Reduce power consumption

80 PLUS Gold and 80 PLUS Platinum power supply options with certified adaptive cooling technology.

Built-in security at the foundation of the data life cycle

Protect your most valuable business assets with guaranteed compatible secure hard drives.

Features

- Save space with up to **24 SFF drives** in a 2U rackmount enclosure
- Expansion for your high-performance deployments
- Safeguard data with intelligent fault diagnosis, resolution capabilities, persistent error logging, and monitoring
- Use the latest drive technologies
- Ensure data is available with N+1 PCMs, I/O modules, and dual data paths to all drives
- Maximum of **28.8GB/s** in a dual controller configuration

JBOD storage use cases

- Delivers high-performance, high-capacity storage for edge sites and core data centers, optimizing space, power, and overall operational efficiency.
- Provides reliable, high-throughput storage for continuous video streams, ensuring efficient long-term retention and easy access when needed.
- Enables seamless addition of storage nodes to expand capacity, maintaining consistent performance as data requirements grow.

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Specifications

Controller	Dual I/O modules per enclosure		
Host/expansion interface	Three universal × 4 12Gb/s mini-SAS HD connectors (SFF-8644) per I/O module		
Management	CLI via RS232 and 100Base-T port SES via SAS SFF-8644 ports		
Maximum system configuration	10 total enclosures including master		
Device support	Dual-port 12Gb/s and 6Gb/s SAS drives		
Max drives per enclosure	24 (for a full list of supported drives, please contact your account or sales manager)		
Hot-swappable components	Drives, power cooling modules (PCM), and SBB I/O modules		
Physical dimensions	Height: 88.9 mm / 3.5 in (2 EIA units) Width: 483 mm / 19 in (IEC rack compliant) Depth: 630 mm / 24.8 in		
Weight	Product with drives: 24 kg / 53 lb		
Warranty	5-year limited warranty		
Power Requirements — AC Input			
Input power requirements	90VAC-264VAC, 50 Hz/60 Hz		
Max power output per PSU	580W		
Environmental/Temperature Ranges			
Altitude	Operating: 0 m to 3,000 m (0 ft to 10,000 ft) Non-operating: -300 m to 12,192 m (-1,000 ft to 40,000 ft)		
Temperature	Operating: ASHRAE A3, 5°C to 40°C (41°F to 104°F), derate 1°C/175m above 900m, 20°C/hr max rate of change Non-operating: -40°C to 70°C (-40°F to 158°F)		
Humidity	Operating: -12°C DP and 10% RH to 21°C DP and 80% RH, max DP 21°C Non-operating: 5% to 100% non-condensing		
Shock	Operating: 5 Gs, 10 ms, half-sine pulses Non-operating: 15 Gs, 10 ms, half sine pulses		
Vibration	Operating: 0.21 Gs rms (5-500Hz) Non-operating: 1.04 Gs rms (2-200Hz)		
Power Supply Units			
Gold Ecodesign (Part SP-PCM01-HE580-AC/ Model FS580FS104G-XX)	Power efficiency 115VAC / 60Hz	Power efficiency 230VAC / 50Hz	Power Factory Condition (PFC)
	10% Load = >80%	10% Load = >80%	10% Loading = N/A
	20% Load = >87%	20% Load = >88%	20% Loading = >0.90
	50% Load = >90%	50% Load = >92%	50% Loading = >0.90
	100% Load = >87%	100% Load = >88%	100% Loading = >0.95
Platinum Ecodesign (Part SP-PCM4-PT580-AC/ Model SGT-S-0580ADU00)	Power efficiency 115VAC / 60Hz	Power efficiency 230VAC / 50Hz	Power Factory Condition (PFC)
	10% Load = >80%	10% Load = >80%	10% Loading = N/A
	20% Load = >90%	20% Load = >90%	20% Loading = >0.90
	50% Load = >92%	50% Load = >94%	50% Loading = >0.95
	100% Load = >89%	100% Load = >91%	100% Loading = >0.95