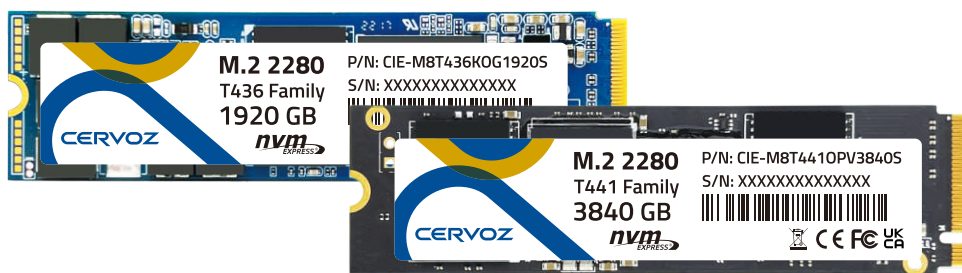


M.2 NVMe SSD

Industrial Storage Solutions



The Future of High-Performance Computing and Full Automation Is Here

Cervoz offers diverse M.2 NVMe SSDs to accommodate the growing demand for high-performance data workloads in AIoT, 5G and above networking, and digital twins.

Overheating Solutions for High Performance



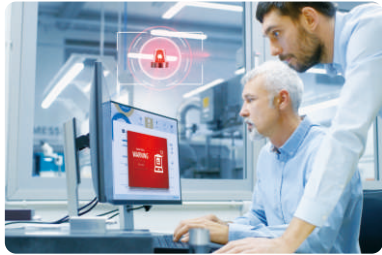
Cervoz Heatsink

For operation in extreme temperatures
(-40°C to 85°C)



Dynamic Thermal Throttling

Automatic performance throttling based
on the preset temp. benchmark



Cervoz FlashMonitor

Real-time storage condition monitoring
software

Explore All Cervoz M.2 NVMe SSDs

Family	T405	T435	T436	T441
Form Factors	M.2 2242/ M.2 2280		M.2 2280	
Interface	PCIe Gen3x4	PCIe Gen3x4	PCIe Gen3x4	PCIe Gen4x4
Connector	M.2 (M key)		M.2 (M key)	
Flash Type	3D TLC		3D TLC	
Capacity	64GB ~ 1TB	128GB ~ 1TB	240GB ~ 1920GB	480GB ~ 3840GB
Sequential Read	Up to 2,080 MB/s	Up to 2,085 MB/s	Up to 3,445 MB/s	Up to 7,100 MB/s
Sequential Write	Up to 1,640 MB/s	Up to 1,840 MB/s	Up to 1,000 MB/s	Up to 6,190 MB/s
Power Consumption	Active mode: < 3,130mW Idle mode: < 560mW	Active mode: < 3,600mW Idle mode: < 660mW	Active mode: < 6W Idle mode: < 2W	Active mode: < 11W Idle mode: < 2W
With DRAM Buffer	—	✓	✓	✓
Powerguard (Power Loss Protection)	—	—	✓	—
End-to-End Data Protection	✓	✓	✓	✓
Dynamic Thermal Throttling	✓	✓	✓	✓
SLC Write Cache Technology	✓	✓	—	✓
Conformal Coating	Optional	Optional	Optional	Optional
Anti-Vibration Fill	Optional	Optional	Optional	Optional
FlashMonitor	✓	✓	✓	✓
Operation Temp.	0°C ~ 70°C / -40°C ~ 85°C			0°C ~ 70°C



About Cervoz

Cervoz develops, produces and markets industrial storage and memory products for the professional, critical, and diverse industrial applications.

Established in 2006, Cervoz specializes in embedded components for the demanding Industrial PC market and has built up our industry experience for over a decade. We deeply understand this industry, and thus are able to offer our high quality embedded products with legacy and mainstream technology, long-term availability, BOM (bill of material) control, high reliability and top compatibility.

CERVOZ



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