



3D
NAND FLASH



Premium quality



High speed



Data security

M.2
2242

ON800 (2242) SATA M.2 2242 SSD

Compact SATA Solution for Space-Constrained Devices

OSCOO® ON800 delivers full SATA performance in a compact 2242 form factor. Built with 3D NAND, it offers dependable read/write speeds and low power consumption—perfect for ultrabooks, embedded PCs, and slim client systems. Whether you're upgrading or building compact systems, ON800 brings reliable speed in minimal space.

- SATA Rev.3.0 (6Gb/s) interface
- Read up to 550MB/s | Write up to 520MB/s
- Ultra-compact 2242 design for small form factor builds
- Low power draw for fanless and portable devices
- Ideal for industrial use, IoT, and mini PCs

Product Specifications

Model	ON800 (2242)
Form Factor	M.2 2242
Interface	SATA Rev.3.0 (6Gb/s)
Flash	3D NAND Flash
Dimensions	42*22*3.5mm
Capacity	128GB 256GB 512GB 1TB 2TB
Read Speed	Up to 550MB/s
Write Speed	Up to 520MB/s
Operation Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Function Support	TRIM, NCQ and S.M.A.R.T
Warranty	3 Years

Capacity	Data Transfer Speed (R/W) MB/s Up to	
	Sequential read@Q32T1	Sequential write@Q32T1
128GB	540	500
256GB	550	500
512GB	550	520
1TB	550	520
2TB	550	520

* Performance is based on internal testing using CrystalDiskMark under a specific test environment.
* Actual performance may vary depending on host device, usage conditions and SSD configuration.