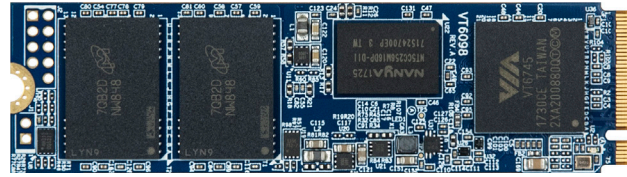


Solid State Drives (SSDs)

VIA VT6098 SSD Module

VIA PCIe NVMe M.2 SSD



Features

- VIA Gear-Shifting technology to ensure maximum reliability and longevity
- VIA LDPC PLUS ECC decoding engine
- Active typical power consumption of less than 1 Watt
- Supports S.M.A.R.T. features
- Controller chip: VIA VT6745

Specifications

Model Name	VT6098-512G
Form Factor	M.2 2280
SSD Capacity	512GB
SSD Controller	VIA VT6745
Flash	3D TLC NAND, Micron
Interface	PCIe Gen3, 2 Lane, NVMe
Sequential Read	1,200MB/sec
Sequential Write	680MB/sec
S.M.A.R.T	✓
Static & Dynamic Wear Leveling	✓
Bad Block Management	✓
Power Failure Management	✓
Hardware AES-256 Engine	✓
Native Common Queue	✓
Hardware Error Correction	✓
Operating System	Windows 10, Linux
Operating Temperature	-20°C ~ 75°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Power Consumption	Active Typical: Less than 1W Active Max: Less than 4W
Supply Voltage	3.3V +/- 5%
Dimensions	80mm x 22mm x 3mm (L x W x H)
Compliance	RoHS