

PREMIUM

M.2 PCIe Gen 4.0 SSD

Fast & Reliable Storage



PCIe Gen 4.0 NVMe SSD



This Timetec SSD is designed to use the NVMe PCIe interface efficiently during both READs and WRITES while delivering bandwidth-focused performance. 3D TLC NAND Flash SSD technology enables enhanced boot times, faster application load times, reduced power consumption, and extended reliability.

Main Feature

- 3D TLC NAND Flash Technology
- Advanced HMB Cache Technology
- Supports S.M.A.R.T. and TRIM
- Support Bad Block Management
- Supports Garbage Collection
- Supports Wear-Leveling Technology
- Supports ECC (Error Correction Code)
- Support End-to-End Data Protection



Specifications

Interface	PCIe Gen 4 NVMe 1.4 M.2 2280
Capacity	1TB / 2TB ^[1]
Voltage	DC +3.3V
Dimensions	80.0 mm x 23.1 mm x 9.2 mm
Weight	34 g
Cache Type	HMB
Performance(R/W)	1TB: 7,400 / 6,100 MB/s 2TB: 7,400 / 6,400 MB/s ^[2]
TBW	1TB: >600TBW 2TB: >1,200TBW
Controller Brand	Phison
OperationTemperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating System	System Requirements: • Windows 11 / 10 / 8 / 7 / Vista or later • Linux 2.6.33 or later
MTBF	1,500,000 hours
Warranty	3-Year Warranty

Part Number

Capacity	Part Number
1TB	35TTTNGE4NVME-1TBPH
2TB	35TTTNGE4NVME-2TBPH

[1] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes 1024/1024/1024 = 0.93GB

[2] The transfer speed will vary depending on the conditions of the test hardware and software.