

Innodisk NVMe DRAM-less SSD

- Product Details:**

Innodisk M.2 3TE2 is an NVM Express DRAM-less SSD designed as the standard M.2 form factor with PCIe interface. M.2 3TE2 supports PCIe Gen III x2, and it is compliant with NVMe 1.3 providing excellent performance.

It adopts industrial 3D TLC NAND Flash providing high endurance and reliability. With sophisticated error detection and correction (ECC) functions, the module can ensure full End-to-end Data Path Protection that secures the data transmission between host system and NAND Flash.

- Photo, Part Numbers, Specs:**

M.2 (P80) 3TE2 w/ Toshiba BiCS 3 (Standard Grade, 0°C ~ +70°C)



DEM28-01TM61ECAQF	1TB M.2 P80 3TE2
DEM28-C12M61ECAQF	512GB M.2 P80 3TE2
DEM28-B56M61ECAQF	256GB M.2 P80 3TE2
DEM28-A28M61ECAQF	128GB M.2 P80 3TE2
DEM28-64GM61ECADF	64GB M.2 P80 3TE2

M.2 (P42) 3TE2 w/ Toshiba BiCS 3 (Standard Grade, 0°C ~ +70°C)



DEM24-C12M61ECAQF	512GB M.2 P42 3TE2
DEM24-B56M61ECAQF	256GB M.2 P42 3TE2
DEM24-A28M61ECAQF	128GB M.2 P42 3TE2
DEM24-64GM61ECADF	64GB M.2 P42 3TE2

M.2 (P80) 3TE2 w/ Toshiba BiCS 3

Interface	PCIe Gen. III x2
Flash Type	3D TLC
P/E cycle	3,000
Capacity	64GB ~ 1TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	1300/680
Max. Power Consumption	3W (3.3Vx910mA)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	Optional
iCell	Optional
Dimension (WxLxH)	22.0 x 80.0 x 3.5 mm
Environment	Vibration: 20G @7 ~ 2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3,000,000 hour

M.2 (P42) 3TE2 w/ Toshiba BICS 3

Interface	PCIe Gen. III x2
Flash Type	3D TLC
P/E cycle	3,000
Capacity	64GB ~ 512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	1300/680
Max. Power Consumption	2.31W (3.3V x700mA)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	-
Dimension (WxLxH)	22.0 x 42.0 x 3.5 mm
Environment	Vibration: 20G @7 ~ 2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3,000,000 hour