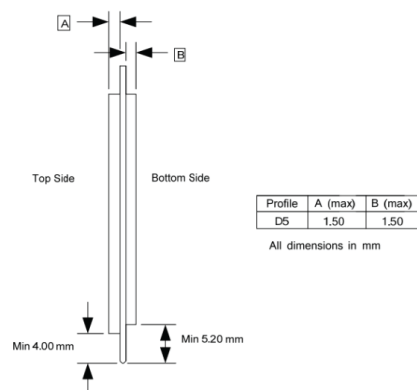
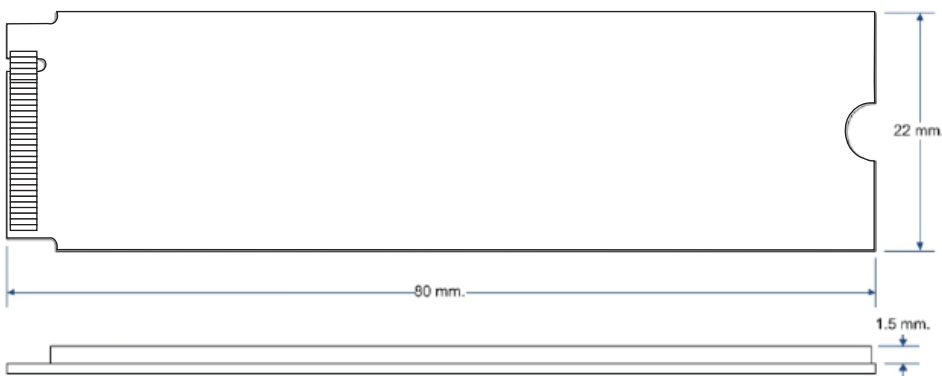




**LEVEL UP
YOUR
EVERYDAY
PERFORMANCE**

TH3500
THORIUM

| Features | Product | TMNM2T-TH3500 | TMNM2T-TH3500 | TMNM2T-TH3500 | TMNM2T-TH3500 | TMNM2T-TH3500 |
|-------------|-----------------------|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| | Capacity | 500GB | 1TB | 2TB | 4TB | 8TB |
| | UPC | 850028113332 | 850028113349 | 850028113356 | 850028113363 | 850028113370 |
| | Nand | 3D TLC NAND | | | | |
| | Controller | Silicon Motion SM2262EN | | | Phison E12S | |
| | Interface | PCIe Gen3 x4 NVMe 1.3 | | | | |
| | Monitoring | S.M.A.R.T, TRIM, NVME secure erase | | | | |
| | Certifications | FCC, CE, RoHS | | | | |
| Performance | Sequential Read | Up to 3500MB/s | Up to 3500MB/s | Up to 3500MB/s | Up to 3200MB/s | Up to 3400MB/s |
| | Sequential Write | Up to 2300MB/s | Up to 3000MB/s | Up to 3100MB/s | Up to 3000MB/s | Up to 3000MB/s |
| | Random 4K Read | Up to 344,000 | Up to 331,000 | Up to 339,000 | Up to 550,000 IOPS | Up to 550,000 IOPS |
| | Random 4K Write | Up to 343,000 | Up to 353,000 | Up to 358,000 | Up to 640,000 IOPS | Up to 640,000 IOPS |
| | Power Consumption | Up to 0.3W (Idle) 5.3W(Active) | Up to 0.3W (Idle) 5.7W(Active) | Up to 0.3W (Idle) 5.7W(Active) | Up to 0.3W (Idle) 6.5W(Active) | Up to 0.3W (Idle) 6.5W(Active) |
| | Power Supply | 3.3V DC | | | | |
| Physical | Form Factor | M.2 (2280) | | | | |
| | Dimensions | 3.8x80x22mm | | | | |
| | Weight | 7g | | | | |
| Temp | Operating Temperature | 0°C-70°C | | | | |
| | Non-Operating Temp. | -40°C-85°C | | | | |
| Reliability | MTBF | 1,500,000 hours | | | | |
| | TBW | 350TB | 600TB | 1300TB | 900TB | 1800TB |
| | Shock Resistant | 1500G | | | | |
| | Data Correction | Built-in LDPC ECC provides the most-powerful data correction level in use today | | | | |
| | Warranty | 7-year warranty | | | | |



1GB = 1,000,000,000 bytes, 1MB = 1,000,000 bytes
Specifications are subject to change without notice



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