

## GIGABYTE GP-GSM2NE3512GNTD internal solid state drive 512 GB M.2 PCI Express 3.0 NVMe

**Brand :** GIGABYTE

**Product code:** GP-GSM2NE3512GNTD

**Product name :** GP-GSM2NE3512GNTD

- Form Factor: M.2 2280
- Interface: PCI-Express 3.0 x4, NVMe 1.3
- Total Capacity: 512GB\*
- Sequential Read Speed : up to 1700 MB/s\*\*
- Sequential Write speed : up to 1550 MB/s\*\*
- HMB (Host Memory Buffer) supported
- TRIM & S.M.A.R.T supported

512GB, PCI-Express 3.0 x4, NVMe 1.3, M.2 (2280), 1700 / 1550 MB/s

GIGABYTE GP-GSM2NE3512GNTD. SSD capacity: 512 GB, SSD form factor: M.2, Read speed: 1700 MB/s, Write speed: 1550 MB/s, Component for: PC/Laptop



Features		Features	
NVMe version	1.3	Mean time between failures (MTBF)	1500000 h
SSD capacity *	512 GB	TBW rating	800
SSD form factor *	M.2	<b>Power</b>	
Interface *	PCI Express 3.0	Power consumption (read)	3.3 W
NVMe *	✓	Power consumption (write)	2.8 W
Component for *	PC/Laptop	Power consumption (idle)	0.0018 W
Read speed	1700 MB/s	<b>Weight &amp; dimensions</b>	
Write speed	1550 MB/s	Width	80 mm
Random read (4KB)	27000 IOPS	Depth	22 mm
Random write (4KB)	34000 IOPS	Height	2.3 mm
PCI Express interface data lanes	x4	<b>Operational conditions</b>	
S.M.A.R.T. support	✓	Operating temperature (T-T)	0 - 70 °C
TRIM support	✓	Storage temperature (T-T)	-40 - 85 °C
		<b>Logistics data</b>	
		Harmonized System (HS) code	84717070



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