



## Lenovo 4XB7A17177 internal solid state drive 480 GB 3.5" Serial ATA III V-NAND



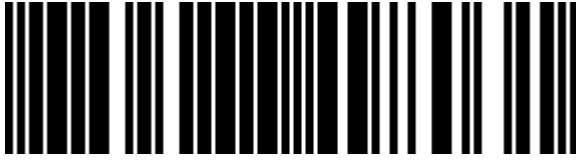
**Brand :** Lenovo

**Product code:** 4XB7A17177

**Product name :** 4XB7A17177

- Low cost, read-intensive SSD from Samsung
  - 2.5-inch or 3.5-inch industry standard form factor with hot-swap tray
  - 6 Gbps SATA interface
  - Advanced ECC Engine and End-to-End Data Protection
  - Samsung 32 layer V-NAND stacks the vertical NAND layers in three dimensions, solving the cell-to-cell interference that causes data corruption in planar NAND
  - Protect data integrity from unexpected power loss with Samsung's advanced power-loss protection architecture
  - Supports Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)
  - Dynamic Thermal Guard Protection protects the SSD from overheating by automatically controlling the speed of the CPU relative to its core temperature
- ThinkSystem 3.5" PM883 480GB Entry SATA 6Gb Hot Swap SSD  
Lenovo 4XB7A17177. SSD capacity: 480 GB, SSD form factor: 3.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: Server/workstation

Features		Features	
SSD capacity *	480 GB	Certification	UL, TUV, FCC, CE, C-Tick, BSMI, KCC
SSD form factor *	3.5"	<b>Power</b>	
Interface *	Serial ATA III	Power consumption (read)	2.3 W
NVMe *	✗	Power consumption (write)	2.9 W
Memory type *	V-NAND	<b>Weight &amp; dimensions</b>	
Component for *	Server/workstation	Width	70 mm
Data transfer rate	6 Gbit/s	Depth	100 mm
Read speed	550 MB/s	Height	7 mm
Write speed	520 MB/s	Weight	58 g
Random read (4KB)	98000 IOPS	<b>Operational conditions</b>	
Random write (4KB)	24000 IOPS	Operating temperature (T-T)	0 - 70 °C
Read latency	120 µs	Operating relative humidity (H-H)	8 - 85%
Write latency	40 µs	Operating vibration	2.17 G
S.M.A.R.T. support	✓	Operating shock	1500 G
Hot-swap	✓	Maximum operating altitude	3050 m
End-to-End Data Protection	✓	<b>Other features</b>	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Compatible products	ThinkSystem SR250, SR530, SR550, SR570, SR590, SR630, SR650, ST250, ST550
Mean time between failures (MTBF)	2000000 h	<b>Logistics data</b>	
TBW rating	683	Harmonized System (HS) code	84717070



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