



## Lenovo ThinkSystem SS530 2.5" 800 GB SAS

**Brand :** Lenovo

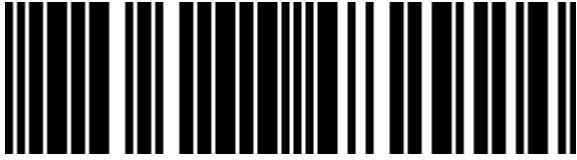
**Product code:** 4XB7A10230

**Product name :** ThinkSystem SS530



- Industry-standard 2.5-inch drive with 2.5-inch or 3.5-inch drive tray attached
  - Based on proven Western Digital Ultrastar S530 drive technology
  - Uses second-generation 3D Triple Level Cell (TLC) NAND flash memory
  - Endurance of up to 10 drive writes per day (DWPD) for 5 years
  - High reliability and enhanced ruggedness
  - Energy saving, with 9 W typical power consumption per drive
  - Absence of moving parts to reduce potential failure points in the server
  - S.M.A.R.T. support
  - Advanced Encrypting Standard (AES) 256-bit encryption
  - Supports Instant Secure Erase (ISE)
  - Full end-to-end data path protection
  - Extended error correction code (ECC)
  - Exclusive-OR (XOR) parity to protect against Flash die failure
  - Parity-checked internal data paths without an external write cache
  - Power loss data management without the need for a supercapacitor
- ThinkSystem SS530 Performance SAS 12Gb SSDs

Features		Power	
SSD form factor *	2.5"	Power consumption (average)	9 W
SSD capacity *	800 GB	Operational conditions	
Interface *	SAS	Operating temperature (T-T)	0 - 75 °C
NVMe *	✘	Storage temperature (T-T)	-40 - 85 °C
Component for *	Server/workstation	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	12 Gbit/s	Operating vibration	3.1 G
Read speed	1070 MB/s	Operating shock	1500 G
Write speed	1050 MB/s	Weight & dimensions	
Random read (4KB)	239500 IOPS	Width	70 mm
Random write (4KB)	170300 IOPS	Depth	100 mm
Read latency	96 µs	Height	15 mm
Write latency	26 µs	Weight	175 g
Hot-swap	✔	Logistics data	
Mean time between failures (MTBF)	2500000 h	Harmonized System (HS) code	84717070



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