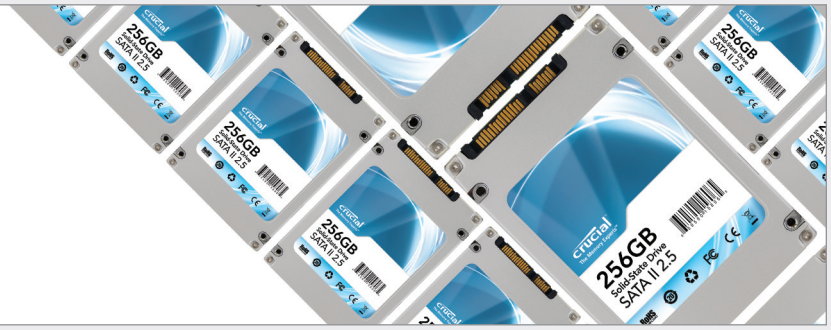
SOLID-STATE DRIVES

Quieter. Cooler. More durable.



Crucial's M225 series solid-state drive is an excellent alternative to a traditional hard drive in notebook PCs. No moving parts provides for a quieter, cooler and more durable solution. With read speeds up to 250MB/s, the Crucial M225 series deliver a new level of system performance.

Solid-state technology in the Crucial M225 brings higher reliability, is more shock resistant and has greater resistance to temperatures than a mechanical hard drive. It employs a standard hard drive interface and dimensions, so it is an easy storage upgrade for most notebooks.

The Crucial brand of memory has long been synonymous with reliability and high-performance. Our expertise in NAND process technology enables us to optimize the performance and durability of the Crucial solid-state drive.

Why adopt SSD technology?

SSDs (solid state drives) utilize non-volatile flash memory for computing applications that otherwise rely upon a mechanical hard disk drive.

It's not just for mobile users.

The advantages reach beyond the notebook, too. Our innovative SK01 external storage kit integrates an SSD into your standard desktop PC and allows it to act as a portable USB storage device. At work, at home, or on the road—With Crucial SSD drives, the latest in storage technology is yours in a flash.

Available Parts

256GB - CT256M225
128GB - CT128M225
64GB - CT64M225

Performance

	Sequential Read	Sequential Write
256GB	250MB/s (max)	200MB/s (max)
128GB	250MB/s (max)	190MB/s (max)
64GB	200MB/s (max)	150MB/s (max)

BENEFITS:

- It's **more durable** than a traditional hard drive.
- It requires **less power** for longer notebook battery life.
- It eliminates latency issues and delivers overall **faster response times.**
- Its **rugged design** is tolerant of extreme shock and vibration and harsh temperature conditions.

Crucial M225 Series SSD Specifications

Form Factor	2.5-inch industry-standard
Dimensions	100.20mm (l) x 69.85mm (w) x 9.50mm(h)
Weight	70g (64GB and 128GB) 90g (256GB)
Internal Cache	64MB DRAM
NAND	MLC
Host interface	Serial ATA (SATA)
Host data transfer rate	3Gb/s (backwards compatible with 1.5Gb/s)
Shock	1,500G / 0.5msec
Vibration	16G (16-1600Hz)
Temperature	Operating (0°C to 70°C) Non-operating (-40°C to 85°C)
Acoustics	0dB
MTBF (mean time between failures)	>1 million hours
Endurance	Static & Dynamic wear-leveling 6-bit ECC error correction
Crucial Warranty	Five Year Limited Warranty

** Performance testing platform:*
ASUS P5K-3 Motherboard (Intel P35 chipset)
Intel 6700 2.66GHz processor
2GB (2X1GB) Crucial DDR2 800MHz memory
Vista Ultimate
ATTO Disk Benchmark

Actual usable memory capacity may vary. 1GB equals 1 billion bytes.

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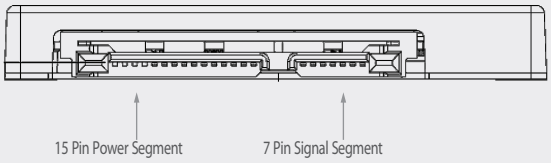
Pin Configurations



Signal Segment Pinout

PIN	SIGNAL NAME
S1	GND
S2	RxP
S3	RxN
S4	GND
S5	TxN
S6	TxP
S7	GND

Power Segment Pinout

PIN	SIGNAL NAME
P1	Not Used (3.3V)
P2	Not Used (3.3V)
P3	Not Used (3.3V Pre-Charge)
P4	GND
P5	GND
P6	GND
P7	5V Pre-Charge
P8	5V
P9	5V
P10	GND
P11	Reserved
P12	GND
P13	Not Used (12V Pre-Charge)
P14	Not Used (12V)
P15	Not Used (12V)

Mechanical Drawings