

SSD CX200

Features

- Next-generation Toshiba 15nm TLC NAND
- Reliable and efficient S10 controller
- Revised, stable firmware
- Capacities from 120GB up to 960GB
- Three year warranty and free technical support



More for less

GOODRAM CX200 is created for users who want to upgrade or create their builds by limiting their spending without compromising on performance or reliability. Combination of Toshiba 15nm TLC NAND and Phison S10 controller backed by many years of expertise has helped to create a product that delivers more for less.

Easy as ABC

Wide range of capacities, universal 7mm slim housing with added 2,5mm spacer, improved firmware for better compatibility with all types of laptops or desktops make CX200 a perfect drop-in replacement for all users.

Better than ever

One of the biggest challenges in designing a Solid State Drive is to deliver a performance and reliability that can be proven not only in synthetic tests but also in real-life scenarios. With months of field-testing behind us, we were able to polish the firmware to provide exceptional level of reliability and compatibility.

No more lags or slowing down

The idea behind GOODRAM CX200 was to deliver a versatile SSD that will improve loading speeds and limit waiting times in different scenarios. Premium Toshiba NAND flash and quad-core Phison S10 controller help to avoid any bottlenecks and give your PC a serious performance punch.

Performance

Description	120GB	240GB	480GB	960GB
Baseline read speed ¹	560MB/s	560MB/s	560MB/s	560MB/s
Baseline write speed ¹	500MB/s	500MB/s	540MB/s	530MB/s
Incompressible data read ²	530MB/s	530MB/s	530MB/s	510MB/s
Incompressible data write ²	480MB/s	475MB/s	500MB/s	490MB/s
Random 4K read (IOPS) ³	81.000	82.000	83.000	88.000
Random 4K write (IOPS) ³	45.500	64.000	80.000	84.000

Physical

Capacities ⁴	120, 240, 480, 960 GB
Dimensions	2,5", 7mm height (100,1 x 69,9 x 6,85 mm)
Interface	SATA III 6Gbps (Backwards compatible with SATA II and I)
NAND Flash	Next-generation Toshiba 15nm TLC NAND Flash
Controller	Phison S10 with updated firmware

Reliability and Environmental

MTBF	2 million hours
Data security	End-to-end data protection, SmartRefresh™, SmartFlush™, Guaranteed Flush™
ECC Protection	Up to 120 bits per 2KB
Temperatures	Operating: 0 ~ 70°C; Storage: -45 ~ 85°C

Shipping information

Product	Capacity ⁴	Packaging	P/N	EAN
GOODRAM CX200	120GB		SSDPR-CX200-120	590826792262
	240GB	Retail pack Includes: SSD 2,5mm spacer	SSDPR-CX200-240	590826792279
	480GB		SSDPR-CX200-480	590826792286
	960GB		SSDPR-CX200-960	590826792293

¹ Based on tests performed in ATTO Disk Benchmark 2.47 on SSD in FOB (fresh out of box) state. Actual results may vary depending on your system configuration or SSD wear.

² Based on tests performed in Crystal Disk Mark 3.0.3 on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

³ Based on tests performed in Iometer on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

⁴ Storage capacity for GOODRAM SSD is provided in decimal values, i.e. 1GB = 1 000 000 000 bytes. Operating systems that use the binary conversion, i.e. 1GB = 1,073,741,824 bytes, may show lower storage capacity than provided in this specification. For more information about capacities visit www.goodram.com/SSD.