PNY

CS2211

Gamer/Enthusiast SSD: CS2211

4K ULTRA HD
Ideal for 4K Editing

Ideal for Gaming

The PNY CS2211 2.5-inch SATA (6 Gb/s) solid-state drive (SSD) is the next generation of XLR8™ SSD that offers extreme performance for demanding multimedia files. The CS2211 will not just quell the concern over "big data," it'll allow you to push the limits of even the most demanding applications. Whether editing videos with 4k content or seeking out an edge over the competition in the high performance gaming segment, the CS2211 is the perfect solution. PNY's CS2211 gives a tremendous out of the box experience for all users seeking blazing fast speeds without compromising storage reliability. In addition, the CS2211 now includes the Acronis® data migration software, which allows for a seamless experience when transferring data from an existing drive to a new PNY solid-state drive.

Optimized for high sequential read speeds of up to 565 MB/s, this drive is specifically geared to dramatically improve game load and entry times, putting you always one step ahead of your competition and making every frame count.

The PNY CS2211 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS1211 & CS1111 SSDs. We've taken the world's most advanced NAND flash and refined the CS2211 to achieve a higher threshold for endurance and reliability. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple Operating Systems.

Experience ultra-responsive gaming, multitasking and multimedia storage. The PNY CS2211 offers capacities of 240 GB, 480 GB, and 960 GB using the latest MLC NAND Flash. The CS2211 SSD is the best choice for the PC enthusiast and gamers when upgrading from an antiquated HDD or value SSD, offering simple installation and performance where you need it.

EXTREME PERFORMANCE

- High speed sequential read data transfers of up to 565 MB/s support an exhilarating gaming experience
- Random Read IOPS up to 95,000 IOPS
- Secure Erase features to keep your data protected
- TRIM support and background garbage collection improves latency and performance

RELIABILITY

- MTBF: 2,000,000 hours
- Features MLC NAND for high quality and endurance
- Support for S.M.A.R.T drive health monitoring

APPLICATIONS

- Reliable and safe multimedia storage
- Ideal for Gamers and PC Enthusiasts
- Boot Drives

Available Options

CS2211
Gamer/Enthusiast SSD

SPECIFICATIONS

Gamer/Enthusiast SSD: CS2211

Usable Capacities (IDEMA)	240 GB, 480 GB, 960 GB			
PNY Part Number	240 GB: SSD7CS2211-240-* 480 GB: SSD7CS2211-480-* 960 GB: SSD7CS2211-960-*			
Box Dimensions	5.25˝ × 4.65˝ × 1.25˝			
NAND Components	Multi-Level Cell (MLC) NAND Flash Memory			
Interface	SATA-III (6 Gb/s); Backwards compatible with SATA-II			
Form Factor	2.5-inch			
Dimensions (L × W × H)	100 × 70 × 7 mm			
Weight	45g			
PERFORMANCE	**240**	**480**	**960**	**Units**
Max Sequential Read	560	565	TBD	MB/s
Max Sequential Write	470	540	TBD	MB/s
Max Random Read	87,000	95,000	TBD	IOPS
Max Random Write	95,000	95,000	TBD	IOPS
POWER				
Power Consumption (Avg.)	3.3W Active, 0.2W Idle Power management feature			
SATA Link Power Management	Idle, Partial, Slumber			
Power Island Support	Power Efficiency Management System			
ENVIRONMENTAL				
Operating Temperature	0°C ~ 70°C			
Storage Temperature	-40°C ~ 85°C			
Certifications	RoHS, CE, FCC			
RELIABILITY / SECURITY				
Mean Time Between Failures (MTBF)	2,000,000 Hours			
Error Correction Code	Up to 120 bits per 2K sector			
Secure Erase	Standard, Enhanced Secure Erase			
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)			
Full End-to-End Data path protection	Supported			
RAID (0/1)	Supported			
COMPATABILITY				
Serial ATA	Fully compliant with SATA-IO: Serial ATA Revision 3.0. ATA ATAPI-8 Standard Native Command Queuing (NCQ)			
Operating Systems	Windows 10, Windows 8, Windows 7, Windows Vista™, Windows XP™, Linux, Mac OS X, Ubuntu 14, CentOS 7			
Power Requirements	Standard SATA Power Connector, 5V, 0.5A (Active)			
ADDITIONAL FEATURES				
Performance Optimization	TRIM (requires OS support)			
Service & Support	4-Year Limited Warranty ** Toll free technical support lines			

*RB (Retail Box), BLK (Bulk)
**For warranty details please see www.pny.com.