XPG SX950U Solid State Drive

START A NEW ADVENTURE WITH 3D NAND SSD

XPG SX950U SATA 6Gb/s Solid State Drive

The SX950U is developed specifically for gamers, which utilizes the 3D NAND flash technology to boost system performance and provide higher reliability in comparison to 2D NAND solutions. The SX950U is equipped with Intelligent SLC Caching and DRAM Cache Buffer functions to address the challenges that gamers encounter by accelerating the read/write performance. To ensure data integrity and the safety of data transmission, the SX950U features LDPC ECC and RAID Engine technologies. The SX950U is designed to give gamers a mind-blowing gaming experience, allowing them to focus on their glorious victory on the battlefield!

Features

- 3D NAND Flash for high durability and reliability
- SMI Controller
- Advanced LDPC ECC Technology
- Intelligent SLC Caching and DRAM Cache buffer
- High read/write speeds up to 560/520MB/s
- RAID Engine and Data Shaping
- Large capacity up 960GB

Ordering Information

Capacity	Model Number	UPC Code
120GB	ASX950USS-120GT-C	4713218465580
240GB	ASX950USS-240GT-C	4713218465597
480GB	ASX950USS-480GT-C	4713218465603
960GB	ASX950USS-960GT-C	4713218465641

Specifications

- Capacities: 120GB / 240GB / 480GB / 960GB
- Controller: SMI
- NAND Flash: 3D TLC
- Interface: SATA   6Gb/s (SATA III)
- Form Factor: 2.5"
- MTBF: 2,000,000 hours
- Dimensions (L x W x T): 100.45 x 69.85 x 7mm

- Weight: 47.5g
- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- LDPC ECC Engine
- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC
- Warranty: 5 years

Performance

Capacity	ATTO Seq. Read (MB/sec)	ATTO Seq. Write (MB/sec)	Sequential Read Crystal Disk Mark (MB/s)	Sequential Write Crystal Disk Mark (MB/s)
120GB	Up to 560	Up to 420	Up to 550	Up to 400
240GB	Up to 560	Up to 520	Up to 550	Up to 500
480GB	Up to 560	Up to 520	Up to 550	Up to 500
960GB	Up to 560	Up to 520	Up to 550	Up to 500

*Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

Schematics