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XPG SX930 Gaming Solid State Drive

Xtreme Performance Gear (XPG) is a brand of ADATA Technology offering the highest-performing computer peripheral products, and the XPG SX930 SATA 6Gb/s SSD is specifically for gamers and overclockers! It's equipped with a JMicron controller and Enterprise-grade MLC plus NAND Flash for excellent performance and durability; therefore, it's not only suitable for gaming, but also ideal for workstation. By supporting ADATA's exclusive pSLC Cache Technology, BCH ECC technology, NCQ, S.M.A.R.T., Windows TRIM Command and DDR3 DRAM Cache Buffer, the XPG SX930 also offers great efficiency and stability!

Features

- Ultra-fast pSLC Cache Technology
- Enterprise MLC plus NAND Flash
- Advanced BCH ECC Technology
- Supports DDR3 DRAM Cache Buffer
- NCQ supported
- S.M.A.R.T. / Windows TRIM Command supported

Ordering Information

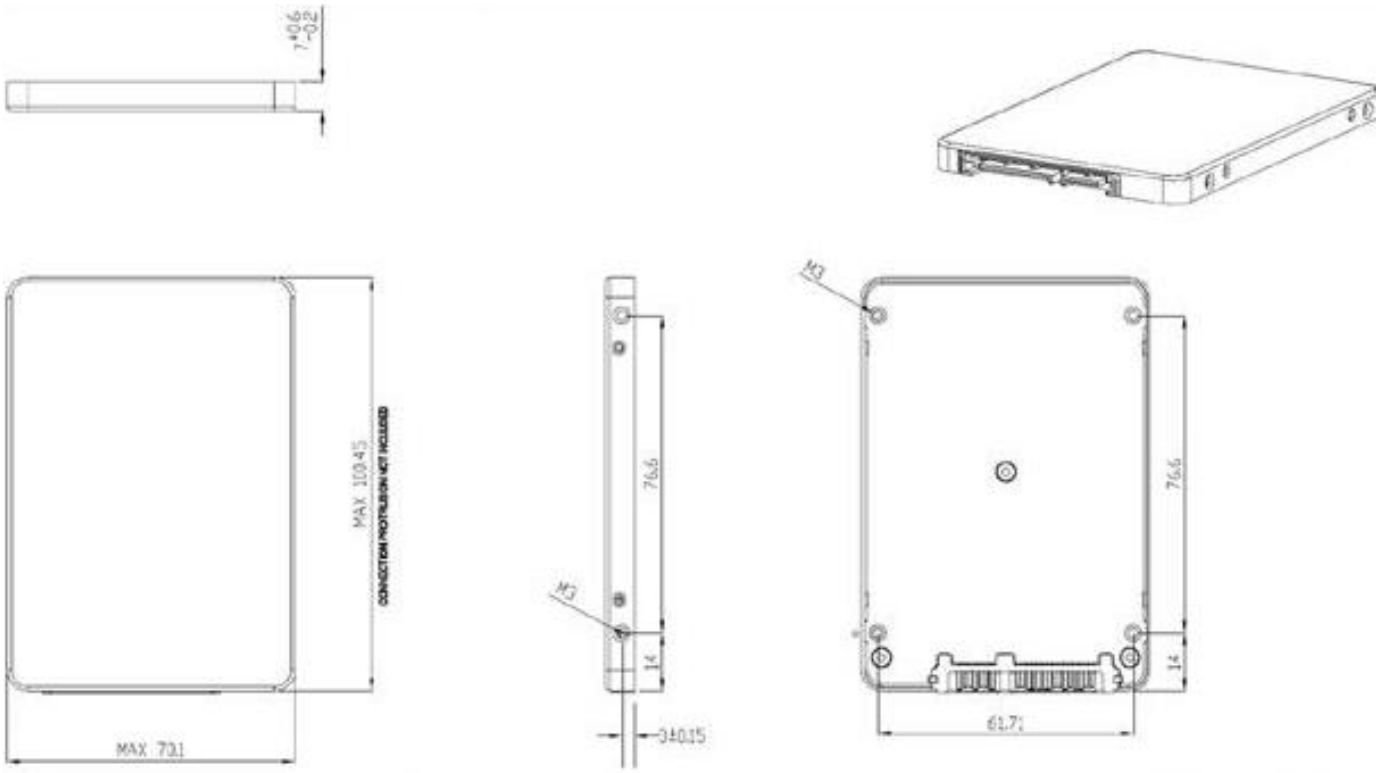
Capacity	Model Number	EAN Code
120GB	ASX930SS3-120GM-C	4712366963283
240GB	ASX930SS3-240GM-C	4712366963290
480GB	ASX930SS3-480GM-C	4712366963306

Specifications

- Capacities: 120GB / 240GB / 480GB
- Controller: JMicron JMF670H
- NAND Flash Memory: Synchronous MLC Plus
- Interface: SATA 6Gb/sec (SATA III)
- Form Factor: 2.5 inch
- MTBF: 1,500,000 hours
- Dimensions (L x W x T): 100.45 x 69.85 x 7mm
- Weight: 68g
- Power Consumption: 0.33W Active (Typical), 0.14W Slumber (Typical) (*Measured by power meter)
- Operating Temperature: 0~70°C,
- Storage Temperature: -40~85°C
- Shock Resistance: 1500G/0.5ms
- BCH ECC Capability: up to 72-bit per 1KB
- Certifications: RoHS, CE, FCC, BSMI
- Warranty: 5 years (*Varies depending on exact configuration)

Performance

Capacity	Read Speed ATTO (MB/sec)	Write Speed ATTO (MB/sec)	Sequential Read AS SSD (MB/sec)	Sequential Write AS SSD (MB/sec)	4K Random R/W Iometer (MB/sec)
120GB	560	460	550	460	70K/45K
240GB	560	460	550	460	75K/70K
480GB	540	420	540	420	75K/72K

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

Dimensional Drawings