



Affordable Performance

2.5" SATAII SSD S525

PQI's 2.5" SATAII Solid State Drive (SSD) S525 is rated at 170MB/sec read and 100MB/sec write, faster than majority of hard drives being sold on the market at the moment. Available in 32GB / 64GB / 128GB / 256GB storage options, dual interface (cables included) and with a 2 year warranty, it is the perfect mobile storage solution, externally or internally.

PQI's 2.5" SATAII SSD S525 follows main stream specifications (MTBF: 1,500,000hur). It is shock and vibration proof, users can rest assure that their data is in good hands!

Product Specifications

Interface: SATA I/II interface

Transfer speed: Read: Up to 170 MB/sec
Write: Up to 100MB/sec

Capacity: 32GB ~ 256GB

Weight: 72 g (0.16 lb)

Power consumption: 5.0V operating voltage

Dimensions: 100.5 x 69.85 x 7.9 mm (3.96 x 2.75 x 0.31 in)

Features: • 2.5 inch SATA interface

- High performance and reliable
- Quiet operation

Warranty: 2 years



General Description

The 2.5inch SSD (Solid State Drive) is based on standard Serial ATA interface. It uses MLC NAND Flash and capacity can up to 256GB.

The 2.5inch SSD give a good solution in a notebook and portable device for a storage device with a high performance, high reliability, low power consumption and a small form factor.



Features

- Supports 1.5/3.0Gbps SATA I/II interface
- Fully Compliant with Serial ATA International Organization: Serial ATA Revision 2.6
- Fully Compliant with ATA/ATAPI-7 Standard
- High reliability based on the internal BCH 10bit ECC
- High performance and reliable
- Quiet operation
- Supports SMART (Self-Monitor Analysis and Reporting Technology)

Capacities

Item	Mechanical Height	Capacities
2.5inch	7.9mm	32GB, 64GB, 128GB,256GB

Dimensions

Item	Length	Width	Height
2.5inch	100.5	69.85	7.9

Power Supply

- Voltage: DC +5.0V \pm 10%

Reliability

- MTBF > 2,000,000 Hours

Performance

Item	Read	Write	Random Read	Random Write
2.5inch	170 MB/s	100 MB/s	128.1MB/s	23.2 MB/s

Environment

- Shock
 - Operating: 1,500G, duration 0.5ms, half sine wave
 - Vibration: 20G peak, 10~2KHz with 3axis
- Humidity: 0°C~55°C / 95% RH, 10cycles
- Temperature
 - Operating Temperature: 0°C ~ +70°C
 - Storage Temperature: -45°C ~ +85°C

Compliance:

- Fully Compliant with RoHS directive
- CE and FCC compatibility

Warranty: 2-year