

# PQI S522 Solid State Disk

## High speed SATA III interface

PQI S522 SSD (Solid State Disk) uses a standard 2.5" SATA III interface and is fully compatible with mainstream personal computers. When compared to conventional hard disks, SSDs offer improved shock resistance, longer period of data retention, and faster file access, as well as reduced power consumption. The many advantages and superior performance offered by the SSD prove that is now ready to replace conventional hard disks. S522 also comes with built-in BCH 72-bit ECC error correction for even more reliable data transfers and the MTBF (Mean Time Between Failure) is 1,000,000 hours.

## Features

### High speed SATA III interface

High Speed 2.5" SATA III interface is fully compatible with personal computers.

### MTBF in excess of 100000 hours MTBF: 1M hours

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### High speed transfers and stable performance

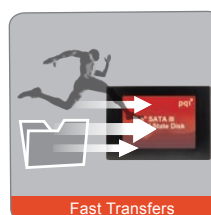
S522 offers super-fast access times and quick read/write speeds compared to conventional hard disks (Read 517 MB/s; Write 385 MB/s). The exceptional transfer rates can reduce startup times by 40% while shock-resistance offers stable performance.

### Silent operation

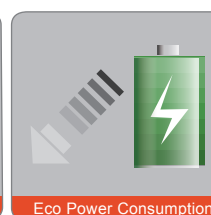
Noise is minimal and there are no moving mechanical parts. No wear and tear is caused by vibrations. The SSD's high shock resistance means that, even when it is flipped around or quickly moved about, damage is very unlikely to occur.

### 3-Year Product Warranty

Strict quality checks are imposed from production through to actual sale. A comprehensive 3-year warranty gives consumers a product they can put their trust in.



Fast Transfers



Eco Power Consumption



Shock & Drop Resistant

## Packaging Information

Type	Retail
Package Weight	122g / 4.3oz
Pcs / Carton	49
CUFT	1.45
Carton Gross Weight	7kg / 15.4lbs
Carton Dimensions (mm)	650 x 300 x 210 mm / 25.6 x 11.8 x 8.27 in

## Ordering Information

Model Number	Capacity	EAN Code
S522	120GB	4716329674384
S522	240GB	4716329674391

## Specifications

Model Name	PQI S522 SSD (120GB)	PQI S522 SSD (240GB)
Interface	SATA III 6Gb/s Interface	SATA III 6Gb/s Interface
Capacity	120GB	240GB
OS Compatibility	Windows 8 / 7 / Vista / XP / Mac OS X 10.x or above	Windows 8 / 7 / Vista / XP / Mac OS X 10.x or above
Speed	Read: Up to 520MB/S; Write: Up to 420MB/S	Read: Up to 520MB/S; Write: Up to 420MB/S
Vibration Test	80-2000Hz/20G	80-2000Hz/20G
Power Supply	DC 5V	DC 5V
Power Consumption	Read: 870mAH/ Write: 780mAH/ Idle: 85mAH	Read: 900mAH/ Write: 830mAH/ Idle: 85mAH
Dimensions	100.10 x 69.85 x 9.00 (mm) /3.94 x 2.75 x 0.35 (in)	100.10 x 69.85 x 9.00 (mm) /3.94 x 2.75 x 0.35 (in)
Weight	52 ± 0.1 g / 1.83 oz	52 ± 0.1 g / 1.83 oz
Storage Temperature	-40°C to 85°C	-40°C to 85°C
Operating Temperature	0°C to 70°C	0°C to 70°C
Warranty	3 Years	3 Years