



PQI announces 2.5" SATAII SSD S527 that features a maximum read speed of 240MB/sec and a write speed of 161MB/sec. Both numbers are of significant improvements over products in the same category. S527 uses carefully selected flash memory modules and configured in Raid functionality, transfer rates are dramatically improved. Perfect for professionals often working with large file capacities such as audio / visual or other multimedia formats.

In addition to its ultra fast transfer rate, the 2.5inch PQI S527 has retained its SSD traits of low power consumption, quiet operation, shock and vibration proof. PQI's S527 is available in 32GB~256GB capacities and comes with a 2-year warranty.

### 2.5" SATAII SSD S527 Specifications

**Interface:** SATA II (SATA I compatible)

**Transfer speed:** R: 240 MB/sec

W: 161 MB/sec

**Capacity:** 128GB/ 256GB

**Dimension:** 99.88 x 69.96 x 9.3 mm (3.96 x 2.75 x 0.36 in)

**Weight:** 90 g (0.199lb)

**Warranty:** 2 years



## General Description

PQI 2.5 inch SATA Solid State Disk (SSD) S527 ~ Using standard 2.5 inch SATA hard drive dimension, built-in RAID, shock and vibration proof qualities, it is the perfect laptop hard drive replacement. Offering a maximum read speed of 240MB/sec and a write speed of 161MB/sec, it is the ultimate boost juice for your laptop.



## Features

- Standard SATAII interface
- Built-in 64MB DRAM cache
- Stable and high transfer rate
- Quiet operation
- 5V operating voltage

## Performance

Item	Read	Write	Random Read	Random Write
2.5inch	240 MB/s	161 MB/s	102MB/s	23.2 MB/s

## Capacities

Item	Mechanical Height	Capacities
2.5inch	9.3mm	32GB, 64GB, 128GB,256GB

## Dimensions

Item	Length	Width	Height
2.5inch	99.88	69.96	9.3

±0.15 mm

## Power Supply

- Voltage: DC +5.0V ± 10%

## Reliability

- MTBF > 2,000,000 Hours

## 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: -10°C ~ +70°C
  - Storage Temperature: -40°C ~ +85°C

## Compliance:

- Fully Compliant with RoHS directive
- CE and FCC compatibility

## Warranty: 2-year