

2.5" SATA SSD - Q6

Commercial: Q6MP6G030-2, Q6MP6G060-2

Product Overview:

- Interface: SATA III
- Capacity: 30GB - 60GB
- Flash Memory: MLC NAND Flash
- Data Transfer Rate
 - 6.0 Gb/sec
 - Sustained Read: 535 MB/sec
 - Sustained Write: 480 MB/sec
- Power Supply: 5V± 5% DC
- Power Consumption: 1.5 W Idle, 3.5W Operating
- Operating temperature range: 0°C ~ 55°C
- Non-Operating: -40°C to 85°C
- Humidity: 5-95%, non-condensing
- Reliability
 - MTBF: >2,000,000 hours
 - ECC: Up to 55 bits correctable per 512-byte sector (BCH)
 - In-drive UPS
 - Dynamic and Static wear leveling
 - 10 year data retention at 25°C
- Program/Erase Endurance (lifetime):
 - 60GB: 8 Years at 50GB/Day
- Shock: 2000 G/0.3 ms
- Vibration: 20 G (2000 Hz maximum)
- Dimensions (w x h x d): 69.9 x 100.2 x 9.3 mm
(2.75" x 3.94" x 0.37")
- Weight: 76g (max)
- Certifications: RoHS, CE, FCC
- Warranty: 3 years or Data Written

