VisionTek®

Solid State Drive Desktop & Laptop SATA Connection

FEATURES
- 8TB Unformatted - 1GB = 1 billion bytes - Formatted capacity is less based on OS and configuration
- S.M.A.R.T. support
- DEVSLP support
- SATA 3.2 Compliant SATA 6Gb/s – backwards compatible with SATA 3Gb/s and 1.5Gb/s
- ATA/ATAPI-8-ACS3 command set compliant
- Industry-standard 512 byte sector support
- Temperature sensor
- RoHS-compliant package
- 3D QLC NAND

WARRANTY
- 3 Year Limited

Lifetime US-Based Technical Support
www.VisionTek.com
1-866-883-5411

The VisionTek 8TB QLC 7mm 2.5" SSD is designed to bring ultra-fast, reliable storage to system users. This SSD has 8TB user accessible raw space, formatted space will be less depending on OS and configuration. With the shift from the hard disk drive to the solid state drive, our QLC Series SSDs are a drop-in replacement option for a hard disk drive (HDD). They deliver superior reliability, durability, power efficiency and performance - keeping your system working reliably in the toughest of conditions.

Conforming to the industry standard SATA connector specification, these SSDs integrate easily into existing storage infrastructures. The VisionTek QLC Series SSDs provide high bandwidth and IOPS while efficiently managing write amplification. Employing SSD technology in a system enables faster boot times, quicker application load times, lower power consumption, and enhanced reliability.

Speed & Performance
Start your system in seconds, load files almost instantly, and accelerate the most demanding applications with the VisionTek QLC SSD drives. Our Dynamic Write Acceleration technology uses an adaptable pool of high-speed, single-level cell flash memory to generate blistering speeds.

Install with confidence
For many people, opening a computer and transferring data seems terrifying. That's why we've made it easy in the step-by-step SSD Install Guide. Check it out before you buy, then install your own SSD quickly with everything transferred over successfully and hassle-free.

Store up to 8TB of Data
Save massive amounts of photos, music, and videos comfortably and securely. With fast access to your media, creations, and designs, you're ready to share at the speed of life.

VisionTek®

Endurance
- TBW: Up to 5695TB
- DWPD: 0.1 (3 Years)

Security
- User selectable ATA password support
- Secure Erase support

Reliability
- MTBF: 1.5 million device hours*
- End-to-End Data Protection
- Built-in LDPC ECC provides the most-powerful data correction level in use today
- Static and dynamic wear leveling
- Uncorrectable Bit Error Rate: ≤1 sector per 10^{17} bits read

Electrical/Mechanical
- +5VDC (±5%) power supply
- Power Consumption: up to 3W (Active), 1.8W (Idle)
- 2.5-inch form factor: 100 x 69.85 x 7mm
- Weight: 60g

Environmental
- Operating temperature: 0-70°C
- Non-Operating temperature: -40-85°C
- Operating humidity: 5-95% relative
- Shock: 1500G/0.5ms
- Vibration: 20-80Hz, 1.52mm | 80-2000Hz, 20G

Capacity	VisionTek Part Number	UPC	Max Sequential Read (up to)	Max Sequential Write (up to)	Max 4K Random Sequential Read (up to)	Max 4k Random Sequential Write (up to)	Access Time
8TB	901409	784090040794	550 MB/s	530 MB/s	98K IOPS	88K IOPS	<0.1ms

V 10.15.2020