QLC TECHNOLOGY BRINGS YOU
Fast Capacity
For Less Outlay and
More Value
From Emerging Applications

5 Reasons QLC Belongs in Your Data Center

1. “Three V’s” Rule the Data Center
   - **Volume**: Your data is growing, shrinking or staying the same? QLC packs 33% more bits in every cell.
   - **Velocity**: QLC enables real-time applications and a lightning-quick read across multiple data sources.
   - **Variety**: QLC provides unprecedented flexibility with running analytics, big data, real-time business intelligence, content delivery and more.

2. Most Data Needs to be Read, Processed and Analyzed Quickly Not Rewritten Repeatedly
   - **Volume**: The number of zettabytes we’ll produce by 2025 is 163 billion.
   - **IoT**: Automated systems and sensors, appliances and mobile monitors are pervasive.

3. Storage Innovation Meets Emerging Demand
   - QLC technology enables reduced cost, higher capacity and read-focused design for more workloads demand.

4. Hardware Security Fully Integrated
   - Data is your most valuable asset. Store it on QLC-based SSDs with AES-256-bit encryption and TCG Enterprise protection like the Micron 5210 ION.

5. QLC Workload Advantage
   - Free read-centric workloads from the confines of legacy storage. Realize the value from new and existing assets.

QLC Workload Advantage

- Read-intensive artificial intelligence
- Machine and deep learning
- Real-time analytics and data
- Business intelligence
- Cloud infrastructure and profile access
- Active archives and large block storage
- NoSQL databases
- Content delivery, video on demand and content streaming