Performance and Power for Client Computing

Our M600 SATA solid state drive (SSD) provides exceptional performance and extremely low power consumption for client computing, from desktop gaming rigs to corporate road warrior tablets.

The M600 is built with specific features to provide superior performance and greater power savings: Our dynamic write acceleration delivers consistent write performance, and device sleep (DEVSLP) low-power modes extend battery life. To protect your valuable data, multiple features do the job: Opal 2.0 self-encryption, asynchronous power-loss protection, RAIN reliability technology, and adaptive thermal monitoring.

Built using Micron’s 16nm NAND Flash and tested in-house from start to finish, the M600 gives you the high level of reliability you can only get from a trusted NAND manufacturer.

KEY BENEFITS

Predictably High Performance
Boost write speeds with our dynamic write acceleration, which provides top performance across all capacities. Enable lightning-quick boot-up and wake from sleep.

Low Power Consumption
Stretch battery life with the lowest active and idle power consumption of any client SSD.

Data Security
Protect data with industry-leading encryption, enhanced data protection, and adaptive thermal monitoring.

Reliability
Increase reliability in space-constrained designs with our adaptive thermal monitoring feature that limits heat generated by the SSD.

Endurance
Handle any client workload with up to 400TB of drive life.

WHICH APPLICATIONS ARE THE BEST FIT?

CORPORATE NOTEBOOK | ULTRATHIN PC TABLET | VIDEO PRODUCTION | EMBEDDED | WORKSTATION

Breakneck performance, terabyte capacity, and record-setting low-power use—a perfect fit for client storage.
WHY MICRON FOR SSDs?

Worldwide NAND Flash Leadership
Micron SSD customers have the assurance of working with the world’s leader in NAND Flash design. Our expertise in NAND technology sets us apart as a vertically integrated supplier with the unique ability to ensure end-to-end quality.

Extensive Testing
Our rigorous product testing translates to predictably reliable, high-quality drives.

Proven Start-to-Finish Quality
From component design to fabrication to the finished package device, our stringent quality requirements, significant investments in SSD test equipment, and advanced NAND management algorithms mean that reliability is literally built into every drive.

Small, Smaller, or Smallest: The M600 comes in 2.5-inch, mSATA, and two versions of the M.2 form factor to suit the most constrained spaces. Pick the storage size that best fits your design.