



## Micron FIPS 140-2 Level 2 Validated Self-Encrypting SSD — Available in HP Secure Notebook and Desktop Computers

In the most rigorous security environments, in and out of government, IT managers demand the best in security technology. Often, this security technology must be validated to meet strict government standards.

Micron's 1100 client SATA SSDs is available in self-encrypting models which are FIPS 140-2 Level 2 Validated to ensure that the firmware integrity, encryption technology and physical security of the SSD all meet the requirements set forth by the Federal Information Processing Standard of the National Institute of Standards & Technology (NIST).

This advanced level of security is now available in notebook and desktop computers from one of the leading computer manufacturers in the world: HP.

Our 1100 FIPS 140-2 Validated SSDs are available in the traditional 2.5-inch and the tiny M.2 form factors, in capacities of 256GB and 512GB.

The 512GB M.2 FIPS 140-2 Level 2 Validated SSD is an exclusive offering of HP.

### 5 Benefits of Using Micron's Solid, Secure, Feature-Rich Self-Encrypting SSDs

#### Secure Firmware

Solid secure firmware features secure digital signatures and boot-time attestation which help to protect storage devices against low-level attacks.

#### Advanced Encryption

Built-in Advanced Encryption Standard (AES) 256-bit hardware encryption engine (XTS mode).

#### Standards-Based Security

TCG Opal 2.0 compliant; fully tested and compatible with HP Client Security Manager.

#### Instant Scramble Erase

The ability to complete sanitization of all data on the SSD in under 2 seconds, simplifying device retirement or redeployment.

#### Security With HDD-Crushing Performance

Security, extended battery life and added system ruggedness at speeds that can exceed 500 MB/s and 90,000 IOPS — the same speed as an unencrypted SSD!



## Micron's 1100 FIPS 140-2 Validated Client SSD in HP Notebook Systems

Micron is working with HP to ensure that their computer systems and the data stored on them are secure.

Micron's 1100 FIPS 140-2 Level 2 Validated self-encrypting client SSD is validated by NIST's Cryptographic Module Validation Program (CMVP). The 1100 has been granted Certificate Number 2848.



Micron's 1100 FIPS 140-2 Level 2 Validated 512GB M.2 SSD

Micron Part No.	MTFDDAV512TBN-1AR15FCHA
Firmware	HPC0F10
HP Product Name	Status, May 2017
ZBook17 G4	Available Now
EliteBook 840 G3	Available Now
EliteBook 850 G3	Available Now
ProBook 640 G2	Available Now
ProBook 650 G2	Available Now
ProBook 640 G4	Available Now
ProBook 650 G4	Available Now
ProBook 650 G4	Available Now
EliteBook 840 G4	Available Now
EliteBook 850 G4	Available Now
ZBook14u G4	Coming Soon
ZBook15u G4	Available Now
EliteBook 725 G4	Available Now
EliteBook x360 1030 G2	Available Now
EliteBook 820 G3	Available Now
EliteBook 820 G4	Available Now
ProBook x2 612 G2	Available Now
ProBook 645 G4	Available Now
ProBook 655 G4	Available Now
EliteBook 745 G4	Available Now
EliteBook 755 G4	Available Now
ZBook15 G4	Avail. May 2017
ZBook15 Studio G4	Avail. May 2017

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