



Industry-leading secure storage capacity with fingerprint authentication

MXI Stealth HD Bio portable hard drive is designed for organizations needing high-capacity secure portable storage, advanced digital identity features, industry-leading authentication including biometrics, and superior device manageability. This rugged, ultra-high-capacity device provides fast and transparent hardware-based AES-256 encryption to protect data and digital identities, with no drivers or software for the user to install.

High-Capacity, Rugged Storage. With up to 750GB capacity*, this high-performance hard drive can carry a large amount of data and applications, and offers the most secure space for portable work environments on the market. The device has a tamper-evident, high-strength aluminum enclosure that will withstand rugged use by mobile employees.

Hardware Encryption and Malware Protection. Secured within the MXI Stealth HD Bio is the fast and efficient MXI Stealth Processor, which offers unmatched FIPS 140-2 Level 3-validated security and hardware-based AES-256 encryption in any environment, foreign or familiar. The processor's anti-malware features (including its read-only mode of operation), as well as the optional ACCESS Antivirus Scanner, help shield user data and host systems from all types of malware.

Multi-Factor Authentication. An ergonomic finger-swipe sensor provides biometric authentication, with hardware-based matching that is fully isolated from PC-based attacks. Coupled with this is strong password authentication, with hardware-enforced complexity and usage rules. In addition, optional integration with U.S. Government CAC and PIV cards offers up to 3-factor authentication, providing the ultimate in digital identity security and secure portable storage.

Superior Manageability. ACCESS Enterprise device-management system allows organizations to easily provision, configure and support any number of MXI Stealth HD Bio devices. It maximizes the benefits of data protection, portable applications, secure digital identities, and strong user authentication. For other organizations, MXI Stealth HD Bio can also be managed by McAfee® ePO™ or the related Host-Based Security System (HBSS).

Secure Computing Environment. MXI Stealth Zone, available optionally on the MXI Stealth HD Bio*, is a portable computing platform that enables employees to carry an entire desktop (including operating system, applications and data) and securely compute anywhere, even on untrusted systems. The user boots from the USB device and, after authentication, computing occurs within the trusted workspace of the encrypted device, which is fully isolated and protected from host-based threats. When you unplug the USB device, the desktop leaves with you and no trace of your presence remains behind on the host machine.

Features

- Secure USB mass storage 1 to 64GB
- On-board malware protection
- AES-256 hardware data encryption
- Manageability
- Strong password and/or biometric authentication
- ACCESS Antivirus Scanner
- One-time password
- Tamper-evident
- Up to 10 users

Features

Secure portable storage with hardware-based AES-256 CBC mode encryption (FIPS Pub 197)
Encrypted mass storage capacities: 250, 320, 500, 640, 750GB*
Zero software footprint
Secure PKI token functionality***
Ability to carry RSA SecurID® soft tokens***
Manageable with ACCESS Enterprise
Manageable with McAfee® ePO™ and HBSS
One-year warranty

Authentication

Two-factor for secure portable storage: <ul style="list-style-type: none"> • Strong password • On-device, hardware-matched biometric
Optional CAC/PIV 3-factor authentication for secure portable storage
Up to 3-factor for RSA SecurID® and certificate-based digital identity applications

Security

MXI Stealth Processor (FIPS 140-2 Level 3 validated)
Hardware-enforced password complexity and usage rules
Failed authentication threshold with optional data destruction
Anti-malware protection
SafeShare™ technology allows up to 10 independently secured users on a single device
Optional user rescue for blocked devices
Anti-MITM, anti-replay secure host-device communications, compliant with NIST SP800-56A

Storage

Hard disk mass storage
Private encrypted user partition(s)
Read-only, malware-proof portable application partition

Operating Environments

Microsoft Windows® 7, Vista, and XP (64 and 32-bit)
Mac OSX® 10.5 and 10.6 (Intel only)

Cryptographic Services

Dedicated key containers for symmetric keys, asymmetric keys, and HOTP secret keys
Secure X.509 certificate storage via PKCS#11 and/or CAPI
OATH one-time password generation
AES-256 CBC encryption/decryption (FIPS Pub 197)
SHA-1 and SHA-256 (FIPS Pub 180-1/180-2)
Keyed HMAC (FIPS Pub 198)
RSA key generation (X9.31 and PKCS #1)
1024/2048/3072 bit RSA Key sizes
Random number generator
RSA signature and verification (X9.31 and PKCS #1)
MXI Stealth Processor hardware acceleration for many cryptographic services

Standards and Certifications

USB 1.1 and 2.0
FCC
CE
WEEE compliant
RoHS compliant

Physical and Electrical

Compact and portable
Tamper-evident, high-strength extruded aluminum enclosure
Ergonomic finger-swipe area
LEDs for power, data activity and authentication status
Uses USB bus power

Dimensions, Weights and Environmental

Dimensions (H x W x L): 27 x 86 x 125mm
Weight: Approximately 280g
Operating temperature: {0 to 50 °C}
Non-operating temperature: {-20 to 70 °C}
Relative humidity: {5 to 95% non-condensing}

*640GB and 750GB available in non-FIPS versions in Q4 2010. Maximum FIPS capacity 500GB.

**MXI Stealth Zone is available on the MXI Stealth HD series in Q1 2011.

*** Requires ACCESS Identity, available Q1 2011.

About MXI

MXI facilitates greater worker mobility without compromising security. Easy to manage and transparent to the end user, our products and solutions provide the best technology for data security, portable enterprise computing, and digital identities. We provide peace-of-mind by protecting our clients' data, applications, and systems with the most complete set of security certifications in the industry. Our commitment to innovation enables MXI to offer first-to-market solutions that address the portable security needs of a wide range of enterprise and government clients globally.

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ISO 9001
ISO 14001

