

McAfee Encrypted USB Devices Product Features Guide

This guide includes both simple and detailed tables summarizing features and specifications for the complete range of McAfee® Encrypted USB devices (flash and hard drives) and storage sizes (1 GB to 500 GB). McAfee Encrypted USB devices are either powered by MXI or Sandisk. At this time, many of these devices are manageable by McAfee ePolicy Orchestrator (McAfee ePO) but not all. For more information, visit <http://www.mcafee.com> or call us at 888.847.8766, 24 hours a day, seven days a week.

Simple Product Feature Matrix

	McAfee Encrypted USB by SanDisk	McAfee Encrypted USB Standard	McAfee Encrypted USB Bio	McAfee Encrypted USB Hard Disk Non-Bio	McAfee Encrypted USB Hard Disk
Password Authentication	●	●	●	●	●
Biometric Authentication			●		●
AES-256 Bit Hardware Encryption	●	●	●	●	●
Virtualization Capable (PC-on-a-Stick) ¹	Optional	Optional	Optional	Optional	Optional
FIPS 140-2 validated	●	●	●	●	●
Centralized management via McAfee ePolicy Orchestrator (McAfee ePO) ²	●	●	3	3	3
McAfee Anti-Malware Protection	●	●	●	●	●

¹ Third-party software required at additional cost.

² McAfee Encrypted USB Manager software is optional and provided for non-McAfee ePO customers and digital identity options.

³ The newest McAfee Encrypted USB Bio and Hard Disk devices are standalone only and are not yet manageable through the McAfee ePolicy Orchestrator platform.

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Generation 2 Products	McAfee Encrypted USB by SanDisk	McAfee Encrypted USB Standard (Powered by MXI)	McAfee Encrypted USB Bio (Powered by MXI)	McAfee Encrypted USB Hard Disk Non-Bio (Powered by MXI)	McAfee Encrypted USB Hard Disk (Powered by MXI)
SKU	USB-SDAV	USB-ST02	USB-BI02	USB-HDN2	USB-HD02
Secure Data Storage	Yes	Yes	Yes	Yes	Yes
Strong Authentication	No	Yes	Yes	Yes	Yes
Remote Access	Yes, Optional	Yes	Yes, Optional	Yes, Optional	Yes, Optional
Virtualization (PC-on-a-Stick) ¹	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional
Anti-Malware Protection	Yes	Yes	Yes	Yes	Yes
Installation					
"Zero-Footprint" Technology	Yes	Yes	Yes	Yes	Yes
Device Driver Installation Required	No	No	No	No	No
Administrator Rights Required	No	No	No	No	No
Authentication					
Authentication Mechanisms	Password	Password, CAC/PIV	Password, Fingerprint, CAC/PIV	Password, CAC/PIV	Password, Fingerprint, CAC/PIV
Password Complexity Rules	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable
Password Lifetime Rules	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable
Failed Authentication Threshold	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable	Yes, Configurable
Maximum Number of Users on a Single Device (McAfee ePO)	1	10 (1)	10 (1)	10 (1)	10 (1)
Secure Data Storage Options					
Storage Capacity	1, 2, 4, 8 GB	1, 2, 4, 8, 16, 32, 64 GB	1, 2, 4, 8, 16, 32, 64 GB	250, 320, 500 GB	250, 320, 500 GB
AES-256 Bit Hardware Encryption	Yes, ECB Mode	Yes, CBC Mode	Yes, CBC Mode	Yes, CBC Mode	Yes, CBC Mode
<i>Public Non-Encrypted Area</i>	No	No	No	No	No
<i>Configurable Partition Sizes (Encrypted USB Manager Only)</i>	No	Yes	Yes	Yes	Yes
Data Transfer Rate (Read/Write) in Mb/s	24/20	25/20	25/20	22/22	22/22
Administration with McAfee ePO platform (Encrypted USB Manager)²					
<i>Central Policy Enforcement and Deployment</i>	Yes	Yes	No ³	No ³	No ³
<i>Password Recovery—Self Rescue (McAfee ePO Only)</i>	No	Yes	No ²	No ²	No ²
<i>Password Recovery—Helpdesk</i>	Yes	Yes	No ²	No ²	No ²
<i>Data Recovery</i>	No	Yes	No ²	No ²	No ²
<i>Data Destruction</i>	Yes	Yes	No ²	No ²	No ²
<i>Device Revocation (McAfee ePO Only)</i>	Yes	Yes	No	No	No
<i>Reporting</i>	Yes	Yes	No	No	No
<i>Data Backup (McAfee ePO Only)</i>	Limited	Yes	No	No	No
<i>Device Control (with McAfee Device Control.)</i>	Yes	Yes	Yes	Yes	Yes
Compatibility					
System Requirements for USB Devices	Microsoft Windows 2000, Microsoft XP, Microsoft Vista 7	Microsoft Windows 7 and Apple Mac OS 10.6 support: standalone only	Microsoft Windows 7 and Mac OS 10.6 support standalone only. No Linux support	Microsoft Windows 7 and Mac OS 10.6 support standalone only. No Linux support	Microsoft Windows 7 and Mac OS 10.6 support standalone only. No Linux support
Supported by McAfee ePO ⁴	Yes	Yes	No ³	Yes	Yes
Supported by McAfee Data Loss Prevention	Yes	Yes	Yes	Yes	Yes
Supported by McAfee Encrypted USB Manager	No	No	No	Yes	Yes
McAfee Endpoint Encryption Token Support	No	Yes	Yes	Yes	Yes
Physical					
Dimensions (cm)	USB Stick 2.06 (W) x 1.10 (H) x 8.07 (L)	USB Stick 2.15 (W) x 1.25 (H) x 7.60 (L)	USB Stick 2.6 (W) x 1.3 (H) x 8.5 (L)	USB Hard Disk 7.62 (W) x 2.41 (H) x 12.07 (L)	USB Hard Disk 7.62 (W) x 2.41 (H) x 12.07 (L)
Weight (grams)	17	22	26	300	300
USB Bus Powered	Yes	Yes	Yes	Yes, 2 ports	Yes, 2 ports
Temperature	~ 0 to 60 C	~ 0 to 60 C	~ 0 to 60 C	~ 0 to 50 C	~ 0 to 50 C
Relative Humidity (Non-Condensing)	~ 5% to 95%	~ 5% to 95%	~ 5% to 95%	~ 5% to 95%	~ 5% to 95%
Tamper-Evident, Dustproof, Waterproof	Yes	Yes	Yes	Yes (TE), No (D/W)	Yes (TE), No (D/W)
Certifications					
EMI Certifications	FCC and CE	FCC and CE	FCC and CE	FCC and CE	FCC and CE
FIPS 140-2	Yes, Level 3	Yes, Level 3	Yes, Level 3	Yes, Level 3	Yes, Level 3
Common Criteria	Yes, EAL	No	No	No	No



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Note: Italicized items indicate functionality that is only available with McAfee ePolicy Orchestrator/McAfee Encrypted USB.

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⁴ See McAfee.com for McAfee ePO system requirements.

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