Flash drive COMPARISON MATRIX 2018

iStorage®

FEATURES	datAshur® PRO	datAshur®	datAshur® personal 2
Common Criteria EAL4+ Ready Security Processor	🔴	🔴	🔴
AES 256-bit XTS Hardware Encryption	🟢	🟢 (CBC Mode)	🟢
Brute Force Self Destruct Feature	🟢		🟢
PIN Authentication	Hardware based	Hardware based	Hardware based
Unattended Auto-Lock	🟢	🔴	🟢
Read Only (Write-Protect) & Read/Write	🟢	🟢 (Read-Only Optional)	🟢
Supports User & Admin PINs	🟢	🟢	🟢
Software Free	🟢	🟢	🟢
No Admin Rights Required	🟢	🟢	🟢
On-Board PIN Activation	🟢	🟢	🟢
Self-Destruct PIN Feature	🔴	🔴	🔴
Interface	USB 3.0	USB 2.0	USB 3.0
Integrated USB Cable	🔴	🔴	🔴
Desk Lock Slot	🔴	🔴	🔴
Alphanumeric Keypad	🟢	🟢	🟢
Wear Resistant Keypad	🟢	🟢	🟢
On-board Antivirus	iStorage DriveSecurity™	iStorage DriveSecurity™	iStorage DriveSecurity™
Dust and Water resistant	IP 57 Rating	IP 57 Rating	🔴
Compatibility	MS Windows/macOS/Linux/Android/Chrome/ Thin Clients/Zero Clients/Embedded systems	MS Windows/macOS/Linux/Android/Chrome/ Thin Clients/Zero Clients/Embedded systems	MS Windows/macOS/Linux/Android/Chrome/ Thin Clients/Zero Clients/Embedded systems
Works on any USB device	🟢	🟢	🟢
Accreditations	FIPS 140-2 Level 3 NLNCSA DEP-V & NATO restricted level	FIPS 140-2 Level 3	🔴
FIPS PUB 197 Certified	🟢	🟢	🟢
Is Drive Vulnerable to Key-Loggers?	NO	NO	NO
Is Drive Vulnerable to Screen-Loggers?	NO	NO	NO
Epoxy Coating - Physical Security	🟢	🟢	🟢
Immune to BadUSB	🟢	🟢	🟢
Capacities	4GB, 8GB, 16GB, 32GB & 64GB	4GB, 8GB, 16GB & 32GB	8GB, 16GB, 32GB, 64GB

Legend:

- ◣ (red) Optional iStorage DriveSecurity™ antivirus powered by ESET NOD32®
- ◣ (purple) Will not work on iOS (iPhone & iPad)
- ◣ (brown) Read-Only Optional
- ◣ (orange) CBC Mode