

Keypad Encrypted Bootable USB



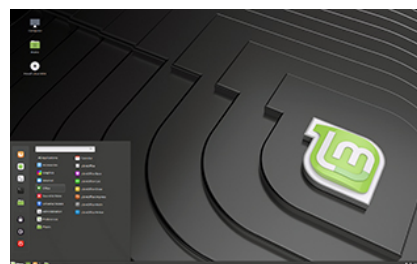
Arcanus 55 is a hardware and software *Personal Security Solution*. It strikes the right balance between security and usability. Your passwords, private documents and keys are encrypted on a bootable USB. The integrated virtual keyboard protects your credentials in real-time. An extremely reliable, airtight and waterproof capsule shields the media from accidental loss or damage.

A55 USB Device | Keypad Encrypted 16GB

The A55 USB device is 256-bit AES encrypted and onboard keypad PIN authenticated. Data is encrypted on the fly and the data remains encrypted while the drive is at rest. This hardened drive has brute-force defense, unattended auto lock and a self-destruct Panic Password.

Military Grade Encryption
Linux **Mint** Bootable
May be Air-Gapped
Hardware Encrypted at Rest
Real-time 256-Bit AES-XTS
Brute-Force Defense
Software-Free Setup
Self-Destruct Duress Panic PIN
Sealed Hardened Epoxy

Unattended Auto Lock
Host-Free Onboard Keypad
Polymer Wear-Resistant Keypad
7-16 Character alphanumeric PIN
IP57 Certified Dust / Water Resistant
Ultra-fast USB 3.1 (3.0)
FIPS 140-2 level 3 Validated
Engineered and Assembled in USA
Windows | Mac | Linux



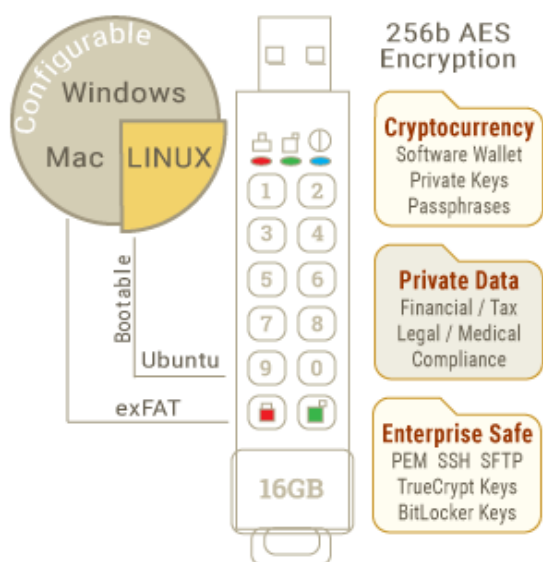
A55 Solution | Multi-layered Defence

Arcanus 55 is a hybrid hardware and software privacy and security platform. It is a practical multi-layered defense against *realistic* threats while still making it's precious payload easily accessible.

A55 can be utilized as an air-gapped, bootable Linux Mint instance for cold storage. For hot storage the exFAT partition can be safely accessed from Windows, Mac and Linux.

When the encrypted **A55 USB device** is encased in the **A55 Capsule** and protected by the **A55 Virtual Keyboard**, it is a formidable defense. It has many advantages as a cold storage medium.

It is a myth that paper is safer than digital. While it is true paper cannot be hacked, it is easily lost, burnt, or simply photographed. An attacker with no technical skill can easily compromised paper / etched steel.



Flexible Security Platform

Arcanus 55 is a flexible security platform that can be utilized in different ways to meet your unique needs.

The **A55 Solution** can secure any files that you need kept private (Insurance, tax, legal, proprietary, and medical documents).

The **A55 Solution** adds an extra layer of defense when stored in a safety deposit box, because while these boxes may offer physical security they may not be private.

The **KeePass Password Manager** stores usernames, passwords, free-form notes and file attachments in an encrypted database. It's password database is secured by a Single Master Password and stored on a local USB (**No Cloud Storage**).

The **A55 Alive Insurance** is an optional service that will allow you to grant access to your *Private Wealth Safe* in the event of death or incapacitation. Known as a **Digital Dead Man's Switch**, this service will deliver a package to a predetermined email address if you fail to sign into A55 for 30 days. The package may contain a read-only PIN, a self-destruct PIN or any message you like.

A55 Capsule | Physical Shield

The **A55 capsule** is a hardened, airtight, waterproof, and tamper evident Faraday shield for your digital wealth.

It's your "**Digital Jump Bag**".

Threat Protection

Airtight / Floats

Dust / Ash

EMP / RF

Impact / Crush

Misplaced / Lost

Tamper Evident

Water / Moisture

The **A55 Capsule** has enough room for more than one USB device, hardware wallet, and even a folded paper. The seamless seal is an effective USB **Faraday Cage**, shielding and dissipating RF energy in case of **EMP** or severe **solar storm**.



The **A55 Capsule** defends your USB device. It protects it from everyday accidents like a coffee spill or a ride in the washing machine in the pocket of your jeans.

Holding the **A55 Capsule** gives you a feeling of value, like a bar of **gold**. Not something that would accidentally slide between the sofa cushions.

A55 Virtual Keyboard | Keylogger Protection

The A55 Virtual Keyboard is a stealth wonder. Type passwords and private data without touching the keyboard. This stealth keyboard protects your credentials in real-time even if your computer has been compromised.

Threat Protection

Audio Recording

Casual Observation

Clipboard Loggers

Keyloggers (hardware)

Keyloggers (software)

Screen Loggers

Video Recording

Audio Obfuscation

Clipboard Protection

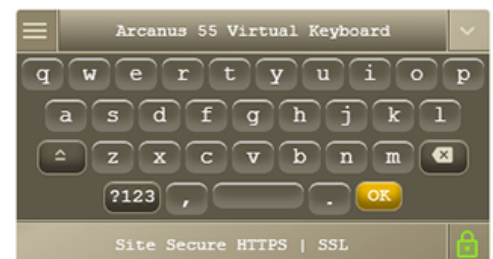
Mouse Position Protection

Obscures number of characters

Open Source Chrome Extension

Stealth Hover (Banking) Mode

Translucent Day or Night Theme



On-Screen Keyboard Spyware Protection