

KANGURU RocIT Defender Elite™ Product Data Sheet



Kanguru RocIT Defender Elite™ is a secure mobile computing solution designed to overcome the security challenges of a growing mobile workforce.

• HOME OFFICE

The modern workforce is mobile, employees now have secure access to their desktop anytime, any where, any place.

• DISASTER RECOVERY

Ensure business continuity by giving your employees access to critical software and databases during natural disasters and other types of emergency situations.

• COST SAVINGS

Enable employees to safely and securely use unsecure host computers. Reducing the need to issue expensive laptop computers. Support issues related to malware, Trojans, and other unauthorised software will also be dramatically reduced.

• PRIVACY

Through the application of 256-bit AES hardware encryption and multi-factor authentication, the RocIT Defender Elite's™ security virtually guarantees your drive can not be tampered with, or compromised through unauthorised access.



- Designed and assembled in a secure manufacturing environment in the United States of America.
- RocIT Defender Elite™ requires no drivers or additional software to use.
- No Windows administrative privileges are required to use a RocIT Defender Elite™ drive.
- Data stored on the RocIT Defender Elite™ is always hardware encrypted with 256bit AES encryption.
- Secure hardware encrypted platform ideal for security Applications and sensitive data.
- The Virtual Runtime Environment (VRE) is hardened, and has been developed in compliance with US Government Department of Defence security requirements.

The Kanguru RocIT Defender Elite™ A True Solution to Secure Mobile Computing.

The RocIT Defender Elite™ is a FIPS 140-2 Certified, 256bit AES hardware encrypted USB flash drive. That contains a secure bootable partition, allowing access to your encrypted virtual operating system and applications. An extremely secure mobile computing solution.

A variety of mainstream 32bit operating systems are supported (Windows XP, Windows Vista, Windows 7, and Linux) as well as application suites such as (Microsoft Office, Adobe CS 5, Proprietary Applications, and many others). The RocIT is a PC in your pocket!

This is a great option for carrying a completely customised "secure PC" for use on both trusted and untrusted computers. The RocIT Defender Elite™ never comes in contact with the host computers HDD.

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The RocIT Defender Elite™ turns virtually any laptop or desktop computer into a secure platform.

Just plug it into an available USB port and boot to your own secure operating system, applications and data.

Everything is run directly from the RocIT Defender Elite™, leaving no footprint behind - meaning your privacy and data are secure.

RocIT Defender Elite™ application software and security features provide one of the most secure virtual USB solutions ever made.

RocIT Defender Elite™ supports traditional 32bit Operating Systems like Windows XP, Windows Vista, Windows 7 or Linux.

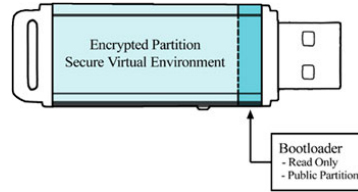
Install your secure authorized desktop configuration, and restrict user changes.

Boot directly to a secure hardware encrypted virtual OS this restricts access to hosts internal HDD.

RocIT Defender Elite™ supports Multi-Factor user authentication for additional security.

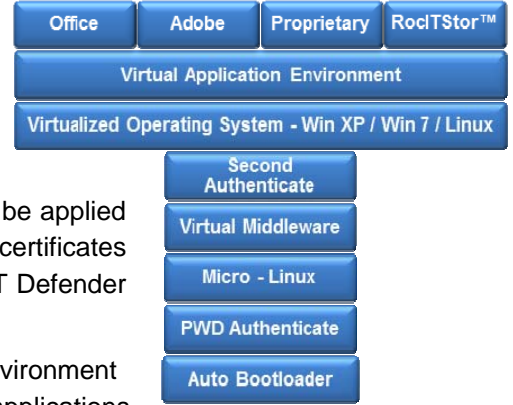
In addition X.509 digital certificates may also be installed and stored on the RocIT Defender Elite™.

Hardware Architecture:



- The RocIT Defender Elite™ is a FIPS 140-2 validated, 256bit AES hardware encrypted USB flash drive. The drive is configured with two partitions. A secure boot loader partition, and a encrypted partition that hosts the secure and encrypted virtual operating system of your choice.

Software Architecture:



- Once the boot loader is loaded, the user is challenged to authenticate. A virtual runtime environment is now loaded which is "locked down" and "hardened" to the United States Department of Defence Security Standards.
- A second optional layer of authentication can be applied like CAC/PIV or Smart cards. X.509 digital certificates may also be installed and stored on the RocIT Defender Elite™
- The RocIT Defenders Elite™ secure virtual environment supports 32bit Windows or Linux. Corporate applications can be installed, such as 'hardened' web browsers, VPN clients, and other office applications. The end user experience is almost the same as running on native hardware. Remember the RocIT Defender Elite™ is hardware agnostic, so it does not need to be reconfigured for different types of hardware. The RocIT Defender Elite™ is a truly portable and secure mobile computing environment.

Key Features :

- Configurable and flexible operating environment
- Supports Remote Device Management
- Centralised updates and patch management
- Minimal host hardware required
- Supports multiple operating systems and web browsers
- Supports full Internet web access or restricted VPN connectivity
- Supports standard application software
- Supports custom secure proprietary applications
- Supports full e-mail clients (i.e. Outlook)

Compatibility :

- Windows XP / Vista / Windows 7 / Linux
- Compatible with virtualised applications suites such as PortableApps, Ceedo, and VMware ThinApp.
- Observance of many worldwide data security standards.

Dimensions:

- **16GB-32GB Models**
71mm x 27mm x 9mm

Security Enhancements :

- FIPS 140-2 certified
- 256-bit AES Hardware Encryption
- Virtual environment hardened to meet DoD security requirements
- Restricts access to local host resources including hard drive and printers
- Isolated from potential malware on host machine
- Tamper resistant design
- Multi-factor authentication
- Supports CAC, PIV and Smart Cards

Minimum System Configuration :

- 1.6 GHz processor
- 2 GB memory
- Two USB 2.0 ports
- LAN/WAN Card: 10/100baseT support

Optional Hardware:

- Internal/external wireless card
- Enhanced video card