



TSP

Tyrone Secure Platform

Add-on-Module TCG 1.2 / 2.0 -FIPS

The Tyrone Trusted Platform Module (TCG 2.0) is a hardware-based security device that can be added to a system motherboard to hold computer generated keys for encryption. This outstanding solution ensures that information keys, passwords and digital certificates will be more secure from external software attacks and physical theft, by performing all cryptographic functions on the device. Tyrone TPM (TCG 2.0) is an ideal tool for customers who are looking for an additional layer of security to their Tyrone Servers.

Specifications

Physical Dimensions

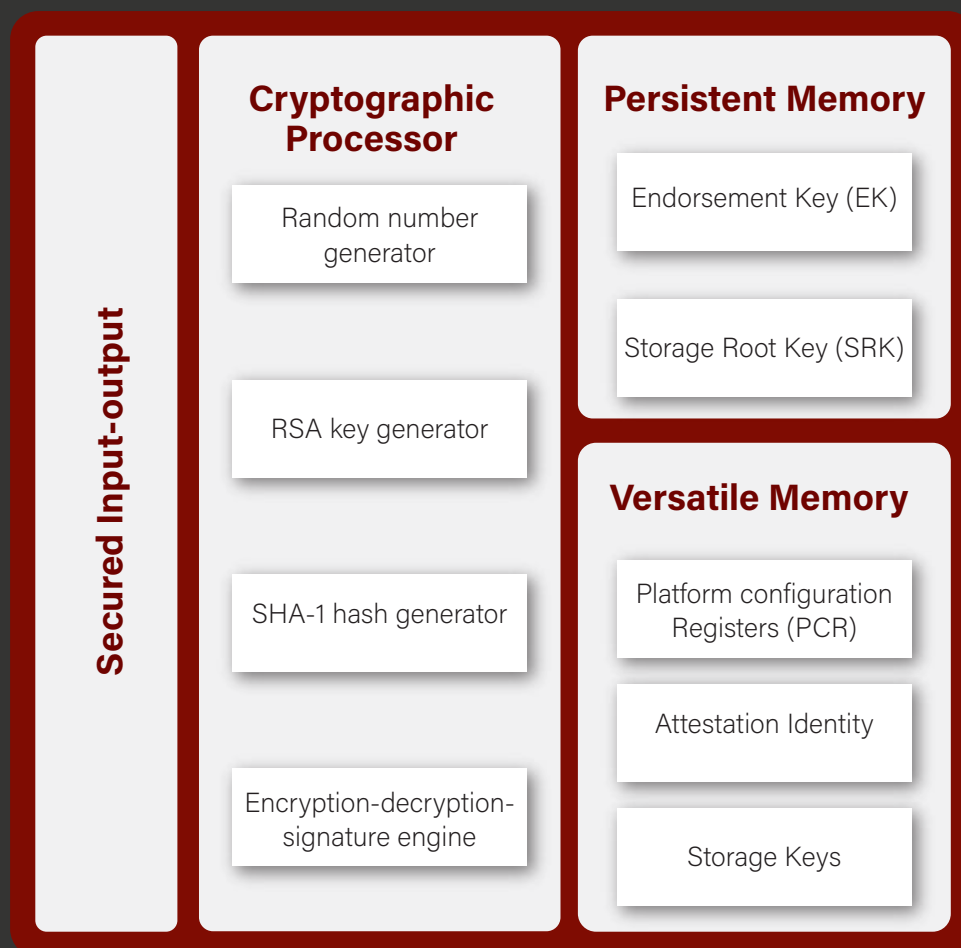
26.13mm x 14.64mm x 9.93mm

Security Features

Over/Under voltage Detection
Low frequency sensor
High frequency filter
Reset filter
Memory Encryption/Decryption (MED)

Application Supports

Microsoft Tools
Mozilla Firefox™
Mozilla Thunderbird™
Netscape Communicator
Google Chromebook
Google Chromebox
Microsoft Encrypted File System
RSA Secure ID
Check Point® SecuRemote/SecureClient
Check Point™ VPN-1/FireWall-1 NG
Entrust™ Desktop Manager Solutions
Adobe™ Acrobat 6.0 Professional
GemSafe for TPM / Smart Card



Key Features

- TCG 2.0 compliant trusted platform module (TPM)
- Compliant embedded software
- EEPROM for TCG firmware enhancements and for user data and keys
- Hardware accelerator for SHA-1 and SHA-256
- Random Number Generator (RNG)
- Meeting Intel TXT, Microsoft Windows and Google Chromebook certification criteria
- Protection against Dictionary Attack
- SPI interface
- Intel Trusted Execution Technology Support
- AMO Secure Virtual Machine Architecture Support
- Protection and Secrecy of the cryptographic system both for reading out and manipulation of the material.
- Pre-Generation of RSA Keys
- Power saving sleep mode
- 3.3 V power supply
- Built-in support by Linux Kernel
- Operating temperature range: -20°C to +80°C
- Root-of-Trust

Compliance

RoHS

RoHS Compliant 6/6 (2011/65/EU), Pb Free

Tyrone™



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Let's Talk

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