

Security Comparison Security Software Solutions



Features

- Various levels of security
- Customizable to meet individual needs
- Field proven and lab approved
- Expert technical support provided



Feature Summary

| | SecureBoot™ Level 1 | SecureBoot™ Level 2 (not yet available) | TPM Suite | iButton® |
|----------------------------|---|--|---|--|
| Primary Function | <ul style="list-style-type: none"> ▪ Verify mass storage media before boot. ▪ SHA-1 hash. | (Slimmed down version of TPM suite with reduced TSS API common is tailored to gaming.) | <ul style="list-style-type: none"> ▪ Hardware and software security architecture for validation of platform, BIOS, firmware and application. ▪ Can be used with encryption ▪ Lock software to platform. ▪ Avoid cloning of s/w or hardware. | <ul style="list-style-type: none"> ▪ Hardware security dongle. ▪ Secure RTC for licensing and leasing. ▪ Others depending on ibutton chosen. <p>See http://www.ibutton.com</p> |
| Primary Market/Regulations | GLI-11, NVGCB | Any | Any | Any |
| Architecture | BIOS extension | TPM based. Reduced TSS implementation | TPM chip on motherboard, CRTM BIOS, hardware drivers, extensive TSS API, encryption libraries. | One or two ibutton devices installed on the DPX motherboard. |
| Compatible Motherboards | All | All | All with TPM option installed | All |
| Hardware Option Required | None | TPM | TPM | ibutton carrier, ibutton device |
| OS Support | Does not depend on OS | Windows XP, XP Embedded, Linux | Windows XP, XP Embedded, Linux | Windows XP, XP Embedded, Linux |
| Fees, Licensing | One time fee plus per unit license | One time fee plus per unit license | One time fee plus per unit license | One time fee plus per unit license |
| Ease of Implementation | Easy to medium | Medium | Medium to hard | Easy to medium |

Support & Downloads www.advantech-innocore.com/support/

Datasheets

- Software overview datasheet
- SecureBoot™ datasheet
- TPM suite datasheet
- iButton®/GPIO datasheet

BIOS, Driver, Manual, and Certification (Log-in required)

- SecureBoot™ manual
- TPM suite manual and implementation guide
- iButton®/One-wire SDK manual