QuickSpecs

Overview

Models

HP Smart Card Reader with Java Card	EL347AA
HP ExpressCard Smart Card Reader with Java Card	AJ451AA
HP / Kensington Security Cable Lock	PC766A
HP 12.xx" Display Privacy Filter	AJ356AA
HP 14.1" Display Privacy Filter	AJ357AA
HP 15.4" Display Privacy Filter	AJ358AA

HP Smart Card Reader with Java Card

The HP Smart Card Reader with Java Card allows you to conduct secured eCommerce transactions through the use of digital signatures and digital certificates to enhance secure transactions over both public and private networks.

The HP Smart Card Reader with Java Card tightens security for the internet age and provides a key building block for enterprise security. Based on industry standards, the PC Card Smart Card Reader reduces costs associated with managing corporate networks by using a flexibly designed, industry standard enhancement product.

The HP Smart Card Reader with Java Card comes with the HP ProtectTools Java card for Pre-OS and Windows logon protection right out of the box.

Key Benefits

- Enhance the security of your eCommerce transactions over public and private networks
- Uses digital signatures and certificates to enhance transaction security
- Reduces the costs associated with managing corporate networks
- Based on industry standards – ISO 7816 Class A and AB, Microsoft PC/SC and PKCS#11 compliant.

HP/Kensington Cable Lock

Secure your notebook, docking station and integrated MultiBay II drive (when used with the HP Advanced Docking station) with the HP Kensington Lock.

Key Benefits

- Physically secure your notebook and docking accessories.
- Can be used as a regular cable security lock for any notebook PC
- Connect to standard Kensington lock slot on the docking stations, or integrate into the HP Docking Station or HP Advanced Docking Station via the unique lock cavity providing enhanced security.

Overview

Compatibility

The HP Smart Card Reader is compatible across all HP Compaq notebooks with a standard PC Card slot.

The HP ExpressCard Smart Card Reader with Java Card is compatible across all HP Compaq notebooks with an ExpressCard slot.

The HP/ Kensington Cable Lock is compatible across all HP Compaq notebooks and docking station with an integrated cable lock slot.

The HP 12.1" Display Privacy Filter is compatible with the HP Compaq 2510p Notebook PC and the HP 2533t Mobile Thin Client.

The HP 14.1" Display Privacy Filter is compatible with the HP Compaq 6520s, 6530b, 6535b and 6910p Notebook PC and the HP EliteBook 6930p Notebook PC.

The HP 15.4" Display Privacy Filter is compatible with the HP Compaq 6720s, 6730b, 6735b and 8510p Notebook PC, the HP 6720t Mobile Thin Client and the HP Compaq 8510w Mobile Workstation.

Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

Technical Specifications

HP Smart Card Reader with Java Card

PCMCIA	Compatible with Version 2.1 PC Card Interface Software
Dimensions (L x W x H)	11 x 1 x 9 inches (28 x 2.5 x 23 cm)
Weight	1.1 lbs (0.5 kg)
Smart Card support	All ISO 7816 smart cards
Smart Card Interface	Reads from and writes to all ISO 7816 - 1/2/3 and 7811 standards (embossed card), with T = 0 and T = 1 protocols. Other supported protocols include T = 14, GPM, and GFM, Inverse-convention Smart Cards Memory card support through SCM MCARD API
Operating systems	Windows Vista Business 64*, Windows Vista Home Basic 32*, Windows XP. No driver is required for this device. Native support is provided by the operating system. * Certain Windows Vista product features require advanced or additional hardware. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit: http://www.windowsvista.com/upgradeadvisor. For Windows Vista system requirements, visit: http://www.windowsvista.com/systemrequirements.Supports hot plugging, suspend, resume and hibernation.
Communication	ISO 7816 - Complies with applicable standards from the ISO 7816 specification (1997-12-15). - T=0 and T=1 protocols - Speed upto 344,105 bps (PPS, FI parameter) - Frequency up to 12 MHz (PPS, DI parameter) 258 byte packets in T=0; 259 byte packets in T=1 - PTS (ISO 7816-3 (1997-12-15) Section 7) - Power Down Command (ISO 7816-3 (1997-12-15) Section 5.4
Power	Power Consumption is 4mA (average) when idle, 12mA (average) when in operation, and 150uA when not used
Mechanical Requirements	- Meets Type II PC Card Slot format - General Dimensions: 3.31 x 2.13 x 0.197 in (85 x 54 x 5 mm) - Weight: 0.07 lb (0.03 kg)or less - Operating Temperature Range: 32° to 131° F (0° to 55° C) - Operating Relative Humidity: 5% to 95% through operating temperature range
Option Kit contents	PC Card, 1 HP ProtectTools Java Card, Software, Documentation

Technical Specifications

HP ExpressCard Smart Card Reader with Java Card

ExpressCard	Compatible with Version 2.1 PC Card Interface Software
Dimensions (L x W x H)	11 x 1 x 9 inches (28 x 2.5 x 23 cm)
Weight	1.1 lbs (.5 kg)
Smart Card support	ISO 7816 Class A and AB smart cards
Smart Card Interface	Smart Card Interface with T = 0 and T = 1 support Memory card support through SCM MCARD API
Operating systems	Microsoft Windows XP, Server 2003 (x86 & amd64), Vista (x86 & amd64) . No driver is required for this device. Native support is provided by the operating system.
Communication	**ISO 7816 - Complies with applicable standards from the ISO 7816 specification** (1997-12-15). - T=0 and T=1 protocols - Speed upto 344,105 bps (DI) - Frequency up to 8 MHz (FI) 258 byte packets in T=0; 259 byte packets in T=1 - PTS (ISO 7816-3 (1997-12-15) Section 7) - Power Down Command (ISO 7816-3 (1997-12-15) Section 5.4
Power	Power Consumption is 20mA idle, 50mA typical with card, and 150uA during suspend
Mechanical Requirements	- Meets ExpressCard Slot format - General Dimensions: 2.95 x 2.13 x 0.197 in (75 x 54 x 5 mm) - Weight: 0.07 lb (0.03 kg)or less - Operating Temperature Range: 32° to 131° F (0° to 55° C) - Operating Relative Humidity: 5% to 95% through operating temperature range
Option Kit contents	HP ExpressCard Smart Card Reader, Documentation