QuickSpecs

Overview

Models

HP ExpressCard Smart Card Reader	AJ451AA

HP ExpressCard Smart Card Reader

The HP Smart Card Reader allows you to conduct secure e-commerce transactions through the use of digital signatures and digital certificates over both public and private networks to provide a key building block for enterprise security.

Key Benefits

- Enhances the security of your e-commerce transactions over public and private networks
- Uses digital signatures and certificates to enhance transaction security
- Helps reduce 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 ExpressCard Smart Card Reader

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 & 64), Windows Vista® (x86 & amd64), and Windows® 7. 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

Compatibility

The HP ExpressCard Smart Card Reader is compatible with HP Business Notebooks with an ExpressCard slot.

Overview

Service and Support

One-year limited warranty. Additional support is available 24 hours a day, seven days a week by phone as well as online support forums. NOTE: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.