

AKB-140SB

Desktop Keyboard with Smart Card Reader



The Adesso AKB-140SB is a low-profile keyboard designed for both efficiency and security. Featuring a built-in smart card reader, it enables seamless authentication for secure access to sensitive systems and data. Its slim design ensures a comfortable typing experience while saving desk space, making it an ideal solution for offices, healthcare environments, and secure workstations.

■ Built-in Smart Card Reader

The built-in Smart Card Reader brings extra security and ease for banking transactions, identification systems, secure web applications, and secure logon. Due to its secure nature, smart card keyboards are extensively used by industries like banking, healthcare, e-commerce, and government agencies. This device supports multiple international standards including ISO7816 for IC card standard, PC/SC 2.0 for Windows Smart Card standard, Microsoft WHQL, EMV for Europay MasterCard Visa Standard and USB-IF CCID standard.

■ Low Profile

Low-profile membrane keys offer a slim, streamlined design for keyboards, providing a quieter and smoother typing experience. These keys require minimal force to press, reducing finger fatigue and enhancing comfort during extended use. Ideal for those seeking a sleek, modern aesthetic without compromising functionality.

■ Quiet and Fast Membrane Keys

The Membrane Key Switches provide long lasting and durable action, smooth to the typists touch, and do not attract as much dust and grime as other keyboard switches.

■ 2X Print Size

The 2X size print on the keycaps provide excellent contrast and stronger appeal over traditional keyboards that have small, hard-to-read printing.



Smart Card Reader



Low Profile



Membrane-Switch Technology



2X Letter Print Size

Smart Card Reader Specifications:

- EMV 4.0 Level 1 and PBOC2.0 Level 1 certified
- Supports USB 2.0 full speed, USB-IF certified
- Based on ISO7816 implementation
- Supports PC Smart Card industry standard - PC/SC 2.0
- Supports Microsoft Smart Card for Windows
- Meets Microsoft WHQL USB Smart Card Reader requirements.
- Meets US Federal Information Processing Standards (FIPS) Publication 201 requirements on smart card reader interoperability
- Supports T0, T1 Protocol
- Supports ISO7816 Class A, B, and C (5V/3V/1.8V) card
- Supports EEPROM for USB descriptors customization (PID/VID/iManufacturer/iProducts/Serial Number), Direct Web Page Link, and accessing memory card module.

Keyboard Specifications:

Key Layout	104-Key US Layout
Key Type	Membrane
Connection	USB
Internet Hotkeys	5 Hotkeys(Homepage,E-mail,Back,Forward,Search)
Multimedia Hotkeys	7 Hotkeys (Play/Pause, Stop, Previous Track, NextTrack, Vol. Down, Vol. Up, Mute)
Dimensions	18.3" x 6.5" x 1.3" (465 x 165 x 33mm)
Weight	2.5 lb. (1123g)

Requirements:

Operating Systems	Windows 11/10/8/7/Vista/XP/2000
Connectivity Interface	USB

Shipping Information:

Item	UPC Code	Package Dimensions	Package Weight	Qty/Carton	Country of Origin
AKB-140SB	783750014328	18.5" x 7.5" x 1.75" (469x190x44mm)	3 lbs (1360g)	10/20	China