

G83-6744 Smart Card Keyboards

Full QWERTY Keyboard with Integrated FIPS 201 Certified Smart Card Reader



Actual product may vary from picture shown

USB keyboard with chipcard reader

With the secure PIN entry (class 2 reader) and EMV certification, you can rest assured that your data will be transmitted securely. Whether paying with a chipcard, encrypting your data, signing documents or simply registering on the network, you are always secure with the USB keyboard SmartBoard G83-6744. Major benefit: the G83-6744 fulfils the requirements of the law governing electronic signatures (SigG) and the order governing electronic signatures (SigV), giving electronic signatures a new standard of security.

Facts & Features

- Common Criteria EAL 3+ certified for electronic signatures
- Secure PIN entry
- PC/SC smart card reader
- CT-API and OCF support
- Protocols T=0, T=1, S=8, S=9 and S=10
- EMV 2000 Terminal level 1 approved
- CCID compliant
- Reading/writing ISO 7816 compliant chipcards
- CAC certified
- FIPS 201 certified
- TAA Compliant

Technical Data

Number of Keys:

- 104 = International key layout

Housing Color:

- Black

Weight (product):

- approx. 1250 g
- approx. 2.76 lbs

Weight (with packaging):

- approx. 1500 g
- 3.31 lbs

Cable Length:

- Approx. 1.75 m
- Approx. 5.74 ft.

Storage Temperature:

- -20°C to 60°C
- -4°F to 140°F

Operating Temperature:

- -0°C to 50°C
- 32°F to 122°F

Product approvals:

- VDE GS 
- c-tick 
- UL 
- VCCI 
- CE 
- FCC 
- BG-GS 
- FIPS 201 

Interface:

- USB

Delivery Volume:

- SmartBoard G83-6744
- CD-ROM
- Operating instructions in hard copy

Dimensions (product):

- Approx 458 x 195 x 54 mm
- Approx 18.0 x 7.28 x 2.13 inches

Dimensions (with packaging):

- Approx 493 x 255 x 58 mm
- Approx 19.83 x 10.04 x 2.28 inches

Keyboard:

- Key technology NTK
- Service life, standard key: > 20 million key operations
- Inscription technology: Laser
- Inscription layout: Standard

Technical Data (continued)

Packaging Unit:

- 40 keyboards per master carton
- 80 master cartons per pallet

Current consumption:

max. 100 mA

Warranty

2 Years

Smartcard-Reader:

- Hardware interface: USB
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact mechanical swipe reader
- Software interface CT-API, PC/SC, CCID
- Compatible chip card types: Reads and writes on all ISO 7816
- Transmission speed reader ↔ card: 412,903 Bit/s
- Transmission speed reader ↔ system max 12 MBit/s
- Chip card pulse frequency: 4.8 MHz

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.

Order Description

<i>Product Name</i>	<i>Order Number</i>	<i>Interface</i>	<i>Color</i>
SmartBoard G83-6744	G83-6744LUAUS-2	USB	Black

Available in various country versions upon request.

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