

# SmartBoard G83-6744



Models may vary from the image 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.

## Key benefits

- 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, S=10
- EMV 2000 Level 1 approved
- CCID compatible
- Reading/writing ISO 781-compliant chipcards

## Technical Data:

### Layout (country or language):

Product dependant, see table "Models"

### Housing colour:

Product dependant, see table "Models"

### Key colour:

Product dependant, see table "Models"

### Weight (product):

approx. 1250 g

### Total weight (with packaging):

approx. 1500 g

### Cable Length:

approx. 1.75 m

### Storage Temperature:

-20°C to 60°C

### Operating Temperature:

0°C to 50°C









### Current Consumption:

max. 100 mA

### Interface:

- USB

### Product approvals:

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

### System requirements:

- USB connection

### Delivery Volume:

- SmartBoard G83-6744
- CD-ROM with up-to-date software
- Operating instructions in hard copy

### Dimensions (product):

approx. 458 x 195 x 54 mm

### Packaging dimensions:

approx. 493 x 255 x 58 mm

### Keyboard:

- Key technology: NTK
- Service life, standard key: > 20 million key operations
- Operation characteristics: Soft pressure point
- Inscription technology: Laser
- Inscription layout: Standard
- Number of Keys: Product dependant, see table "Models"

### Smartcard-Reader:

- Hardware interface: USB
- Agency Approvals: Product dependant, see table "Models"
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- Software interface: CT-API, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <=> card: 412,903 Bit/s
- Transmission speed reader <=> system: max. 12 MBit/s
- Chip card pulse frequency: 4.8 MHz

### Packaging Unit:

- Number of products in the master package: 40
- Number of master packages per pallet: 2

### Warranty:

2 years

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

## Models:

(possible country/layout versions, others available on request)

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys	Smartcard-Reader Agency Approvals
1	SmartBoard G83-6744	G83-6744LUABE-0	Belgium	light grey	light grey	105	EMV 2000 Level 1
2	SmartBoard G83-6744	G83-6744LUABE-2	Belgium	black	black	105	EMV 2000 Level 1
3	SmartBoard G83-6744	G83-6744LUACH-0	Switzerland	light grey	light grey	105	EMV 2000 Level 1
4	SmartBoard G83-6744	G83-6744LUACH-2	Switzerland	black	black	105	EMV 2000 Level 1
5	SmartBoard G83-6744	G83-6744LUADE-0	Germany	light grey	light grey	105	EMV 2000 Level 1
6	SmartBoard G83-6744	G83-6744LUADE-2	Germany	black	black	105	EMV 2000 Level 1
7	SmartBoard G83-6744	G83-6744LUAES-0	Spain	light grey	light grey	105	EMV 2000 Level 1
8	SmartBoard G83-6744	G83-6744LUAES-2	Spain	black	black	105	EMV 2000 Level 1
9	SmartBoard G83-6744	G83-6744LUAEU-0	US English with EURO symbol	light grey	light grey	104	EMV 2000 Level 1
10	SmartBoard G83-6744	G83-6744LUAEU-2	US English with EURO symbol	black	black	104	EMV 2000 Level 1
11	SmartBoard G83-6744	G83-6744LUAFR-0	France	light grey	light grey	105	EMV 2000 Level 1
12	SmartBoard G83-6744	G83-6744LUAFR-2	France	black	black	105	EMV 2000 Level 1
13	SmartBoard G83-6744	G83-6744LUAGB-0	UK	light grey	light grey	105	EMV 2000 Level 1
14	SmartBoard G83-6744	G83-6744LUAGB-2	UK	black	black	105	EMV 2000 Level 1
15	SmartBoard G83-6744	G83-6744LUAHU-0	Hungary	light grey	light grey	105	EMV 2000 Level 1
16	SmartBoard G83-6744	G83-6744LUAHU-2	Hungary	black	black	105	EMV 2000 Level 1
17	SmartBoard G83-6744	G83-6744LUAIT-0	Italy	light grey	light grey	105	EMV 2000 Level 1
18	SmartBoard G83-6744	G83-6744LUAIT-2	Italy	black	black	105	EMV 2000 Level 1
19	SmartBoard G83-6744	G83-6744LUAPO-0	Portugal	light grey	light grey	105	EMV 2000 Level 1
20	SmartBoard G83-6744	G83-6744LUAPO-2	Portugal	black	black	105	EMV 2000 Level 1
21	SmartBoard G83-6744	G83-6744LUARG-0	US / Cyrillic	light grey	light grey	104	EMV 2000 Level 1
22	SmartBoard G83-6744	G83-6744LUARG-2	US / Cyrillic	black	black	104	EMV 2000 Level 1
23	SmartBoard G83-6744	G83-6744LUASF-0	Sweden / Finland	light grey	light grey	105	EMV 2000 Level 1
24	SmartBoard G83-6744	G83-6744LUASF-2	Sweden / Finland	black	black	105	EMV 2000 Level 1
25	SmartBoard G83-6744	G83-6744LUATS-0	Czech Republic	light grey	light grey	105	EMV 2000 Level 1
26	SmartBoard G83-6744	G83-6744LUATS-2	Czech Republic	black	black	105	EMV 2000 Level 1
27	SmartBoard G83-6744	G83-6744LUZBE-0	Belgium	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys	Smartcard-Reader Agency Approvals
28	SmartBoard G83-6744	G83-6744LUZBE-2	Belgium	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
29	SmartBoard G83-6744	G83-6744LUZCH-0	Switzerland	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
30	SmartBoard G83-6744	G83-6744LUZCH-2	Switzerland	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
31	SmartBoard G83-6744	G83-6744LUZDE-0	Germany	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
32	SmartBoard G83-6744	G83-6744LUZDE-2	Germany	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
33	SmartBoard G83-6744	G83-6744LUZES-0	Spain	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
34	SmartBoard G83-6744	G83-6744LUZES-2	Spain	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
35	SmartBoard G83-6744	G83-6744LUZEU-0	US English with EURO symbol	light grey	light grey	104	EMV 2000 Level 1, Common Criteria EAL 3+
36	SmartBoard G83-6744	G83-6744LUZEU-2	US English with EURO symbol	black	black	104	EMV 2000 Level 1, Common Criteria EAL 3+
37	SmartBoard G83-6744	G83-6744LUZFR-0	France	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
38	SmartBoard G83-6744	G83-6744LUZFR-2	France	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
39	SmartBoard G83-6744	G83-6744LUZGB-0	UK	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
40	SmartBoard G83-6744	G83-6744LUZGB-2	UK	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
41	SmartBoard G83-6744	G83-6744LUZHU-0	Hungary	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
42	SmartBoard G83-6744	G83-6744LUZHU-2	Hungary	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
43	SmartBoard G83-6744	G83-6744LUZIT-0	Italy	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys	Smartcard-Reader Agency Approvals
44	SmartBoard G83-6744	G83-6744LUZIT-2	Italy	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
45	SmartBoard G83-6744	G83-6744LUZPO-0	Portugal	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
46	SmartBoard G83-6744	G83-6744LUZPO-2	Portugal	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
47	SmartBoard G83-6744	G83-6744LUZRG-0	US / Cyrillic	light grey	light grey	104	EMV 2000 Level 1, Common Criteria EAL 3+
48	SmartBoard G83-6744	G83-6744LUZRG-2	US / Cyrillic	black	black	104	EMV 2000 Level 1, Common Criteria EAL 3+
49	SmartBoard G83-6744	G83-6744LUZSF-0	Sweden / Finland	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
50	SmartBoard G83-6744	G83-6744LUZSF-2	Sweden / Finland	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
51	SmartBoard G83-6744	G83-6744LUZTS-0	Czech Republic	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
52	SmartBoard G83-6744	G83-6744LUZTS-2	Czech Republic	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+