

Advanced Performance Line

**Smart card reader keyboard from the 6700 series
For home banking and other smart card applications.**

NTK technology

SmartBoard G83-6700



- Inclusive:**
- GSM software
 - Geldkarte value checker

Key benefits

- Secure PIN entry mode
- Smart card reader can be run optionally either via PS/2 or RS 232
- Usable as class 2 terminal
- Space-efficient compact keyboard
- Individual keys have long service life: >20 million operations
- Membrane contact switches with rubber-mat technology for individual use

Applications

The keyboard is especially suitable for access checks, network log-on and smart card based internet transactions. Thanks to direct input of the PIN with the smart card, data cannot be entered openly in the PC. It can also be used for home banking with the HBCI smart card issued by German banks and for digital signatures complying with the German signature law (SigG). Please ensure that your application software supports Cherry's G83-6700 keyboard or will allow you to load the relevant driver. On the accompanying Cherry CD you will find additional software and development tools including GSM cards editing and Value Checker for cash cards.

Technical specifications

Keyboard

Temperature range:
Storage temperature:
-20 °C to +60 °C
Operating temperature:
0 °C to +50 °C

Dimensions:
(L x W x H)
458 x 195 x 54 mm

Weight:
approx. 1,500 g

Power supply:
+5 V/DC ± 5%

Current input: typ. 100 mA

Connecting cable:
approx. 1.75m long with PS/2 connector and additional connector with RS 232 connector

Smart card terminal

- 1 smart card terminal compliant with PC/SC 1.0
- Contact positioning in accordance with ISO 7816/2
- Electrical characteristics in accordance with ISO 7816/3 GSM 11.11
- MTBF 100,000 read cycles
- Transmission to the PC via RS 232 (high speed) or via keyboard interface (low speed)
- Microsoft WHQL approved as smart card keyboard
<http://www.microsoft.com/hwtest>
- IT SEC E2-high approved versions complying to signature law

Protocols

- Smart card interface
Asynchronous protocols
T=0, T=1

Stock codes

G83-6700 LQB..⁽¹⁾

Cable with two connectors, PS/2 for keyboard, RS 232 for smart card

G83-6700 LQZ..⁽¹⁾

Cable with two connectors, PS/2 for keyboard, RS 232 for smart card IT SEC E2-high approved to SigG.



Home Banking

Accessories

- GSM Adapter
- CD

The latest drivers can also be downloaded from our homepage at <http://support.cherry.de>.

⁽¹⁾ International layouts

BE	=	Belgian
CH	=	Swiss
DE	=	German
DK	=	Danish
ES	=	Spanish
FR	=	French
GB	=	English (UK)
EU	=	English (US)
SL	=	SI/HR/YU/BiH
IT	=	Italian
NO	=	Norwegian
SF	=	Swedish/Finnish

Other versions available on request.



Other approvals available on request.



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