

POS / Security

MultiBoard MX V2 G80-7040



Models may vary from the image shown

Programmable compact keyboard with magnetic stripe reader and chip card reader.

Facts & Features

- PC/SC and EMV 2000 compatible
- Individual keys with gold Crosspoint contacts (MX black switch technology)
- Designed for over 50 million actuations per key
- 15.9" USB keyboard
- Top insertion smart chip card reader enables card to stay in plain view of the user
- Supports maximum smart card speed for fastest data transmission and highest read & write performance
- Landing contacts ensure up to 200,000 smart card insertion cycles
- Smart card reader drivers for Windows, Linux and Macintosh
- Statistics provided via WMI
- 3-Track magnetic stripe reader
- Programming type can be selected: physically (internal memory) or via software macros using "CHERRY Tools" Software
- Smart card reader drivers for Windows, Linux and Macintosh
- UPOS for Windows® and Linux; client-server architectures supported
- 43 free programmable keys for easy layout configuration

Technical Data:

Housing Color: Black

Key Color: Black

Weight (product):

- Approx. 1260 g / 2.7 Lbs.

Total Weight (with packaging):

- Approx. 1625 g / 3.5 Lbs.

Cable Length:

- Approx. 2.20 m / 86.6"

Storage Temperature:

- -20°C to 60°C / -4F to 140F

Operating Temperature:

- 0°C to 50°C / 32F to 122F

Current Consumption:

- Typ. 190 mA, < 2.5 mA in USB Suspend Mode

Interface:

- USB

Product Approvals:

- cURus
- c-tick
- VCCI
- CE
- FCC
- VDE



System Requirements:

- USB

Delivery Volume:

- Multiboard G80-7040
- CD-ROM with up-to-date software
- Operating instructions in hard copy

Dimensions (product):

- Approx. 405 x 220 x 64 mm/ 15.94" x 8.66" x 2.51"

Packaging Dimensions:

- Approx. 455 x 277 x 72 mm/ 17.91" x 10.9" x 2.83"

Reliability:

- MTBF > 100,000 hours
- MCBF > 10 billion operations

Technical Data Cont:

Keyboard:

- Key technology: MX
- Service life, standard key: > 50 million key actuations
- Operation characteristics: BLACK SWITCH Linear
- (60 cN)
- Inscription technology: Laser
- Inscription layout: Standard
- Number of Keys: 104
- Contact: mechanical landing contacts

Smart card reader:

- Type: Mechanical
- Hardware interface: USB
- Agency approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Software interface: CT-API, PC/SC, OCF
- Mating cycles: > 200,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <==> card: max. 420 kBit/s
- Transmission speed reader <==> system: max. 12 MBit/s

Magnetic Stripe Reader:

- Magnetic card tracks: Track 1, Track 2, Track 3
- Magnetic card standards: ISO 7811/-12, JIS 1/2, AAMVA,
- Magnetic card reading speed: 8 - 318 cm/s at 30 Bit/cm, 8 -127 cm/s at 83 Bit/cm
- Software interface: CT-API, PC/SC, OCF
- Magnetic card reading cycles: up to 1 mill. reading cycles
- Magnetic card swipe direction: from right to left

Packaging Unit:

- Number of products in the master package: 34
- Number of master packages per pallet: 2

Warranty:

- 3 years

Order Description:

Product Name	Order Number	Interface	Color
G80-7040	G80-7040LUVU-2	USB	Black

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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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Mouser Electronics

Authorized Distributor

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CHERRY:

G80-7040LUVU-2