

# MultiBoard PS/2 G80-8200



Multifunctional, programmable PS/2 keyboard with integrated Magnetic Stripe Reader. Expanded layout with relegendable keys.  
For Commercial uses with all applications requiring a versatile and robust keyboard.



## Facts & Features

- Single mechanical keys with Gold Crosspoint contacts (CHERRY MX Modules)
- Designed for continuous use > 50 Million key presses
- Robust and reliable
- Programmable Magnetic Stripe Reader
- Optional programmable Barcode-Decoder
- Expanded 120 / 121 position key layout
- 59 programmable keys (41 relegendable)
- Integrated memory
- Efficient configuration with professional 'CHERRY-Tools' software
- OPOS and JavaPOS for Windows™ and Linux, support of Client-Server architectures

### Agency Approvals / Instructions

- CE, VDE/GS, FCC Class B, cURus, C-Tick, GOST-R, Microsoft® WHQL, BSMI
- Designed for Windows™ 2000 and XP

### System Requirements

- PS/2 interfaces for keyboard and touchpad
- Operating system depending on software to be used

### Magnetic Stripe Reader

- 3-track reader
- Freely-programmable header and terminator
- Adjustable transmission of start/stop characters (sentinels)
- Switchable audible indication of magnetic stripe card good read

### Professional Software

- Programming physically (built-in memory) or via software macros with powerful configuration software 'CHERRY Tools'
- Plug 'n' Play configuration
- UPOS support for Windows™ and Linux; Support of Client-Server architectures
- Support Windows™ system functionalities
- Easy configuration file transfer with Windows™ Explorer
- Remote Network and immediate installation with 'CHERRY Tools Runtime' version

### Delivery Volume

- 1 MultiBoard Keyboard
- Printed Manual
- 1 CD ROM

### Warranty

- 3 Years

### Software

- CHERRY Tools
- CHERRY Tools Runtime Edition
- Magnetic Stripe Reader Support for Linux
- OPOS Support
- Java POS Support for Windows™ & Linux

## ■ Technical Data

- **Interface:** (2) x PS/2, USB 2.0
- **Cable Length:** Approx. 1.75 m
- **Magnetic Stripe Reader:**  
Standards: ISO 7811/-12, AAAMVA, JIS  
(others on request)  
PCI DSS 3.0 compliant  
Reading Cycles: > 6000.000 Card Swipes  
Swipe speed: 3-125 inch/s at 75 Bit/inch  
3- 50 inch/s at 210  
Bit/inch  
Data is decoded to scancodes and transmitted via PS/2 interface (like standard key presses)
- **Barcode Decoder (optional):**  
Decodable Barcodes:  
  
EAN/UPC, Code 39, Code 128, Codabar , Interleaved 2/5, Industrial 2/5, Matrix 2/5, Code 93, Code 11, Code 16k, MSI, Plessey, (others on request)  
  
Data is decoded to scancodes and transmitted via PS/2 interface (like standard key presses)  
  
Barcode Ports: 6-pin DIN 240  
On the right side  
9-pin SUB-D plug  
At the right rear  
(independent of each other)  
  
PS/2 only
- **Key Layout**
- 120 = international layout with Windows™ keys



- **Weight (without/with packaging)**  
max. 1950 g / 4.29 lbs (without packaging)  
Approx. 2300 g / 5.07 lbs (with packaging)
- **Dimensions**  
Keyboard: 470 x 220 x 64 mm  
Keyboard: 18.5 x 8.66 x 2.52 inches  
Packaging: 521 x 277 x 72 mm  
Packaging: 20.51 x 10.9 x 2.83 inches
- **Reliability:**  
MCBF > 10<sup>9</sup> operations  
MTBF > 100 000 hours
- **Current consumption:**  
typ. 35 mA
- **Keyswitch Lifetime:**  
50 million operations
- **Operating Temperature:**  
0°C to 50°C
- **Storage Temperature:**  
-20°C to 60°C
- **Packaging Unit:**  
31 keyboards per master carton  
2 master cartons per pallet

## Order Description

<i>Order Number</i>	<i>Interface</i>	<i>Color</i>	<i>MSR</i>
G80-8200LPDUS-2	PS/2	Black	1+2+3 tracks
G80-8200LUVU-2	USB	Black	1+2+3 tracks

Available in various country versions upon request.

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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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Last update July 21, 2015



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