

Point of Sale

# G80-8200 Series POS Keyboards



**Multifunctional Keyboards  
with Magnetic Card Reader  
and Enhanced Key Layout  
for Commercial Applications**



## Main Applications

### Point of Sale

- Retail
- Hospitality
- Airlines
- Postal Services
- Car Rentals

### Point of Transactions/Service

- Banking
- Government
- Healthcare
- Education
- Transportation

## Key Features

- Enhanced US 120 Position Key Layout
- 59 Programmable and 48 Relegendable Keys for Easy Layout Configuration and Quick Function Calls
- Available with PS/2 and USB Interface
- High Performance Magnetic Stripe Reader with Freely Programmable Headers and Terminators for each Track
- Selection of Non-Keyboard Hexcodes Enhances Security for Credit Card Processing (USB)
- Free Parsing and Configuration of Magnetic Stripe Data Stream (USB)
- Powerful Configuration Software 'Cherry Tools' Enhances Functionalities when Switching into 'Virtual Programming Mode' and allows for Quick Product Setup & Configuration
- Easy Configuration File Transfer with Windows Explorer

- UPOS Drivers for Windows and Linux Support of Client-Server architectures
- Remote Network Installation with 'Cherry Tools' Runtime Version (USB)

## Options

- 2 USB Downstream Ports (USB)
- 6&9 Pin Ports for Barcode Scanner (PS/2)
- 3-Track Magnetic Card Reader

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## Part Number Legend



## Main Part Numbers

### G80-8200LABUS

Beige PS/2 keyboard with 2-track magnetic stripe reader. US 120 position key layout with 16 additional keys, AT connector. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

### G80-8200LPDUS-0

Light grey PS/2 keyboard with 3-track magnetic stripe reader. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

### G80-8200LPBUS-2

Black PS/2 keyboard with 2-track magnetic stripe reader. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys

### G80-8200LPDUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

### G80-8200LUAUS-0

Light grey USB keyboard with 3-track magnetic stripe reader and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

### G80-8200LUAUS-2

Black USB keyboard with 3-track magnetic stripe reader and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

### G80-8200LUBUS-2

Black USB keyboard with 2-track magnetic stripe reader and 2 downstream ports. US 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches. 59 programmable and 48 relegendable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

**Additional product versions on request.**



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## Technical Data

### Interface

PS/2, USB 2.0

### Current Input

max. 100 mA (PS/2)  
max. 400 mA (USB)

### Magnetic Strip Reader

Standards:  
ISO 7811/-12, AAMVA, JIS  
others on request

Reader head:

up to 1 million cycles

Reading speed:

3 – 125 inch/s at 75 Bit/inch  
3 – 50 inch/s at 210 Bit/inch

Data is decoded to keyboard scancodes.

### Barcode Ports

6-pin DIN 240 plug (right side)  
9-pin SUB-D plug (right rear)

### Barcode Decoder

Data is decoded to keyboard scancodes. Supported barcode formats are:

EAN/UPC, Code 39, Code 128, Codabar

Interleaved 2/5, Industrial 2/5, Matrix 2/5

Code 93, Code 11, Code 16k, MSI,  
Plessey

### Cable Length

Approx. 1.75 m

### Key Layout

Full size 120 position US key layout  
including Windows keys

### Weight (without/with packaging)

1350/1800 kg

### Dimension

470 x 220 x 64 mm (keyboard)  
520 x 280 x 72 mm (packaging)

### Packaging Units

31 keyboards per master carton  
2 master cartons per pallet

### Keyswitch Lifetime

>50 million operations

### Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

### Available Software

Cherry Tools  
MS Windows™ 98, ME, 2000, XP

Cherry Tools Runtime:  
MS Windows™ 98, ME, 2000, XP  
XP Embedded

### OPOS Local Edition

(OLE for Point of Sale):  
MS Windows™ 98, ME, NT4, 2000,  
XP, XP Embedded

### JavaPOS Local Edition

(Java for Point of Sale):  
MS Windows™ 98, ME, NT4, 2000,  
XP, XP Embedded  
Suse Linux V8.0 / Kernel 2.4 or higher  
IBM JRE v1.3.x and SUN JRE V1.4.x

### Approvals

CE, GS, VDE, cURus, FCC, C-Tick,  
BSMI, VCCI (USB only), WHQL  
(Designed for Windows™ 2000 and XP)

### Delivery Volume

Keyboard, Manual, CDROM

### Warranty

2 years

For information on repairs or  
warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: [keyboardsupport@cherrycorp.com](mailto:keyboardsupport@cherrycorp.com)

## Contact

Call, fax or visit our  
website for more information.

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Technical data relates to product  
specifications only. Features may  
differ from those described.  
Only drawings combined with  
product specifications shall be  
deemed binding.