

Point of Sale

G81-7000 Series POS Keyboards



**Multifunctional Keyboards
with Magnetic Card Reader
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

- Compact 16" Layout.
- Mechanical Keyswitches are Rated at 50 Million Actuations to Withstand Harsh Environments and Ensure Long Product Lifetime.
- Full US 104 Position Key Layout
- Available with PS/2 and USB Interface
- 43 Freely Programmable Keys for Easy Layout Configuration
- 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 'Cherry Tools' Configuration Software 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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G81-7000 Series POS Keyboards

Part Number Legend

G81-7000LPAUS-2



G81-7000LPAUS-0



Main Part Numbers

G81-7000LPAUS-2

Black 16" PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-7000LVEU-2

Black 16" USB keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-7000LPAUS-0

Light grey 16" PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-7000LPDUS-0

Light grey 16" PS/2 keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-7000LPDUS-2

Black 16" PS/2 keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

G81-7000LVEU-0

Light grey 16" USB keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable 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

Power Consumption

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 Decoding

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 104 position US key layout
including Windows keys

Weight (without/with packaging)

Approx. 1650/2050 kg

Dimensions

Approx. 405 x 220 x 64 mm (keyboard)
Approx. 455 x 275 x 72 mm (packaging)

Packaging Units

34 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

OPOS Client/Server Edition:
MS Windows™ 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

JavaPOS Client/Server Edition:
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,
VCCI, BSMI (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

Contact

Call, fax or visit our
website for more information.

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liability for errors or non-availability,
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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.