Keyboards

and Computer Input Devices

POS/GROCERY

OFFICE

INDUSTRIAL/MEDICAL

SECURITY

Cherry Keyboards & Computer Input Devices

POS/GROCERY/RETAIL KEYBOARDS

MPOS / SPOS / LPOS QWERTY Series

From the highly compact MPOS Series to the proven SPOS to the full-sized LPOS, Cherry has the perfect keyboard for your point of service application! Choose from the popular configurations listed below, or contact us for a complete product listing.

Main Features

- Full programmability with relegendable keys for easy layout configuration and quick function calls

- High-performance 3-track magnetic stripe reader with dual insertion for bi-directional swipe. Freely programmable headers and terminators for each track

- Plug & play configuration for all common POS features

- IP54 spill and dust resistant key field for harsh environments

- Unique function enhancement with 'Cherry Tools' virtual programming

- Option for unlimited programmability of all keys in up to 3 layers for convenient data access

- Comprehensive UPOS support for Windows and Linux support of client-server architectures

MPOS Mini POS Keyboard

Popular Part Numbers	Description
MPOS BLACK QWERTY	
G86-51400EUADAA	Black 12" USB keyboard. US 83-position key layout, 83 programmable.
MPOS BLACK QWERTY WITH MSR	
G86-51410EUADAA	Black 12" USB keyboard with 3-track magnetic stripe reader. US 83-position key layout, 83 programmable.

All POS keyboards also available in Light Grey.

SPOS Small POS Keyboard

Popular Part Numbers	Description
SPOS BLACK QWERTY	
G86-61400EUADAA	Black 14" USB keyboard. US 135-position key layout with 32 additional keys. 135 programmable and 54 relegendable keys.
SPOS BLACK QWERTY WITH TP	
G86-61401EUADAA	Black 14" USB keyboard with touchpad. US 123-position key layout with 20 additional keys. 123 programmable and 60 relegendable keys.
SPOS BLACK QWERTY WITH MSR	
G86-61410EUADAA	Black 14" USB keyboard with 3-track magnetic stripe reader. US 135-position key layout with 32 additional keys. 135 programmable and 54 relegendable keys.
SPOS BLACK QWERTY WITH MSR AND TP	
G86-61411EUADAA	Black 14" USB keyboard with 3-track magnetic stripe reader and touchpad. US 123-position key layout with 20 additional keys. 123 programmable and 60 relegendable keys.

LPOS Large POS Keyboard

Popular Part Numbers	Description
LPOS BLACK QWERTY	
G86-71400EUADAA	Black 17" USB keyboard. US 131-position key layout with 42 additional keys. 131 programmable and 42 relegendable keys.
LPOS BLACK QWERTY WITH TP	
G86-71401EUADAA	Black 17" USB keyboard with touchpad. US 127-position key layout with 42 additional keys. 127 programmable and 42 relegendable keys.
LPOS BLACK QWERTY WITH MSR	
G86-71410EUADAA	Black 17" USB keyboard with 3-track magnetic stripe reader. US 131-position key layout with 42 additional keys. 131 programmable and 42 relegendable keys.
LPOS BLACK QWERTY WITH MSR AND TP	
G86-71411EUADAA	Black 17" USB keyboard with 3-track magnetic stripe reader and touchpad. US 127-position key layout with 42 additional keys. 127 programmable and 42 relegendable keys.

All SPOS keyboards include Cherry Tools multifunctional configuration software and UPOS drivers.
All POS keyboards also available in Light Grey.

G86-61411

G86-51400

G86-71411

SPOS Rows and Columns Series

Multifunctional Rows & Columns keyboard with optional magnetic stripe reader and touchpad for POS applications.

Main Features

- 142 position matrix key layout in compact 14.2" x 7.8" footprint.
- Rows & Columns design and movable keys facilitates 1x2 and 2x2 key assignments.
- Fully-programmable and relegendable keys.
- High-performance 3-track magnetic stripe reader with dual insertion for bi-directional swipe. Freely programmable headers and terminators for each track.
- Powerful Cherry Tools configuration software allows for quick product set up and unlimited programmability of all keys in three layers.
- Plug-and-play configuration for all common POS features.
- IP54 spill-resistant key field for use in harsh environments.
- Optional touchpad saves space on the desktop.
- Accessory Kit includes multiwide keycaps and lenses, paper inserts in five colors, and blank covers for easy configuration.
- Custom hardware and software service available on request.

Popular Part Numbers	Description
R&C G86-63400EUADAA	Black 14" USB keyboard. US 142 position Rows & Columns key layout. All keys programmable and relegendable. IP54 spill & dust resistant key field.
R&C TP G86-63401EUADAA	Black 14" USB keyboard with touchpad. US 130 position Rows & Columns key layout. All keys programmable and relegendable. IP54 spill & dust resistant key field.
R&C MSR G86-63410EUADAA	Black 14" USB keyboard with 3-track magnetic stripe reader. US 142 position Rows & Columns key layout. All keys programmable and relegendable. IP54 spill & dust resistant key field.
R&C MSR TP G86-63411EUADAA	Black 14" USB keyboard with 3-track magnetic stripe reader and touchpad. US 130 position Rows & Columns key layout. All keys programmable and relegendable. IP54 spill & dust resistant key field.

All SPOS keyboards include Cherry Tools multifunctional configuration software and UPOS drivers.
Custom keycap kits available.
*All POS keyboards also available in Light Grey.

RC Series

Compact, multifunctional rows and columns keyboards with customizable color keycaps for easy visual recognition of common functions. Available in 80 and 128 key configurations.

Main Features

- Cherry MX mechanical keyswitches with Gold Crosspoint contacts to withstand harsh environments and ensure long product lifetime in 24/7 applications.
- Compact footprint to address space issues.
- Multiple layer programming for all relegendable and programmable keys.
- Cherry RC programming software for functional enhancements, configuration and quick product set-up.
- Completely customizable with user defined key layouts, reducing training time and improving transaction speed.
- Pre-printed, market specific keycap kits to allow for customization of small run projects.
- Address cable management issues with optional integrated MSR and/or keylock.

Popular Part Numbers	Description
RC80B	Black 80 key RC POS keyboard. Features 5 rows and 16 columns of relegendable and programmable keys. Compact 12.91" x 6.50" x 2.09" footprint with Cherry RC programming software. PS/2 connection.
RC80BM	Black 80 key RC POS keyboard with 3-track MSR. Features 5 rows and 16 columns of relegendable and programmable keys. Compact 12.91" x 6.50" x 2.09" footprint with Cherry RC programming software. PS/2 connection.
RC128B	Black 128 key RC POS keyboard. Features 8 rows and 16 columns of relegendable and programmable keys. Compact 12.68" x 8.27" x 1.77" footprint with Cherry RC programming software. PS/2 connection with Daisy Chain Port.
RC128BM	Black 128 key RC POS Keyboard with 3-track MSR. Features 8 rows and 16 columns of relegendable and programmable keys. Compact 14.49" x 8.27" x 1.77" footprint with Cherry RC programming software. PS/2 connection with Daisy Chain Port.

Custom keycap kits available.
*All POS keyboards also available in Light Grey.

G86-63400

G86-63411

RC80B

RC128B

AP POS KEYBOARDS

7000/8000 Series

Multifunctional keyboards with magnetic card reader for POS and commercial applications.

Main Features

- Compact 16" and full-size 18" footprints.
- 104 position QWERTY layout with 43 programmable keys.
- PS/2 or USB interface.
- Powerful Cherry Tools configuration software allows for quick user set-up.
- High-performance magnetic stripe reader with freely programmable headers and terminators. Also available with 3 tracks.
- Remote installation and UPOS support for Windows and Linux.
- Optional 6- and 9-pin ports for barcode scanner (PS/2).
- Optional PCSC/EMV smart card reader.

Popular Part Numbers	Description
G81-7000LPDUS-2	Black 16" PS/2 keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable keys.
G81-7000LUVEU-2	Black 16" USB keyboard with 3-track magnetic stripe reader and 2 downstream ports, International 104 position key layout. Mechanical keyswitches, 43 programmable keys.
G81-8000LPDUS-2	Black 18.5" PS/2 keyboard with 3-track magnetic stripe reader. US 104 position key layout. Mechanical keyswitches, 43 programmable keys.
G81-8000LUVEU-2	Black 18.5" USB keyboard with 3-track magnetic stripe reader and 2 downstream ports, International 104 position key layout. Mechanical keyswitches, 43 programmable keys.
G81-7040LUVEU-2	Black USB keyboard with high performance PCSC/EMV smart card reader and 3-track magnetic stripe reader, International 104 position key layout. Mechanical keyswitches, 43 programmable keys.
G81-8040LUVEU-2	Black 18.5" USB keyboard with high performance PCSC/EMV smart card reader and 3-track magnetic stripe reader, International 104 position key layout. Mechanical keyswitches, 43 programmable keys.

*All 7000/8000 Series keyboards include Cherry Tools multifunctional configuration software and UPOS drivers. *Keyboard versions also available in Light Gray.*

8113/8200 Series

Multifunctional keyboards with magnetic card reader, optional pointing device and enhanced key layout for POS and commercial applications.

Main Features

- Enhanced 120 position QWERTY layout with 59 programmable and 48 relegendable keys. (G80-8113 has 41 relegendable.)
- PS/2 or USB interface, optional touchpad.
- MX gold crosspoint keyswitches exceed 50 million operations.
- Powerful Cherry Tools configuration software allows for quick user set-up.
- High-performance magnetic stripe reader with freely programmable headers and terminators for each track. Also available with 3 tracks.
- Remote installation and UPOS support for Windows and Linux.
- Optional 6- and 9-pin ports for barcode scanner (PS/2).

Popular Part Numbers	Description
G80-8113LRDUS-2	Black PS/2 keyboard with 3-track magnetic stripe reader and touchpad. US 120 position key layout with 16 additional keys, two PS/2 connectors. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys.
G80-8113LRAUS-2	Black PS/2 keyboard with 3-track magnetic stripe reader, touchpad and 2 barcode reader ports. US 120 position key layout with 16 additional keys, two PS/2 connectors. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys.
G80-8113LUVEU-2	Black USB keyboard with 3-track magnetic stripe reader, touchpad and 2 downstream ports. International 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches, 59 programmable and 41 relegendable keys.
G80-8200LUVEU-2	Black USB keyboard with 3-track magnetic stripe reader and 2 downstream ports. International 120 position key layout with 16 additional keys. MX gold crosspoint keyswitches, 59 programmable and 48 relegendable keys.

*All 8113/8200 Series keyboards include Cherry Tools multifunctional configuration software and UPOS drivers. *Keyboard versions also available in Light Gray.*

G81-7000

G81-8000

G80-8113

G80-8200

INTEGRATED SECURITY DEVICES

Smart Card Keyboards

Main Features

- Top insertion smart card reader saves space and keeps card in plain view of user.
- Numeric pad can be switched into "Secure PIN Entry" mode for enhanced system logon security.
- Cherry Keyman configuration software included.
- EAL 3+ Common Criteria Certified version available for PKI/electronic signature.
- CAC Certified.

Popular Part Numbers	Description
G83-6744LUAUS-2	Black USB keyboard with high performance PCSC/EMV smart card reader, US 104 position key layout, 22 programmable keys. FIPS 201 certified.
G83-6644LUAEU-2	Black USB keyboard with high performance PCSC/EMV smart card reader, US 104 position key layout, 22 programmable keys. CAC and FIPS 201 certified.
G83-6644LUAEU-0	Light Grey USB keyboard with high performance PCSC/EMV smart card reader, US 104 position key layout, 22 programmable keys. CAC and FIPS 201 certified.
G81-7043LUVEU-2	16" Black USB Keyboard with high performance PSCSC/EMV smart card reader, International 104 position key layout, 43 programmable keys. FIPS 201 compliant.
G81-8043LUVEU-2	18.5" Black USB Keyboard with high performance PSCSC/EMV smart card reader, International 104 position key layout, 43 programmable keys. FIPS 201 compliant.
G83-6675LUAEU-2	18" Black USB Keyboard with combined contact/contactless high performance PSCSC/EMV smart card reader, International 104 position key layout.

Keyboard versions also available in Light Gray.

PCMCIA Reader

- Perfect fit for mobile use.
- CAC Certified and FIPS 201 certified.

Popular Part Numbers	Description
SR-4044	PCMCIA high performance PCSC/EMV smart card reader.

Biometric Keyboards/Mouse

Main Features

- Choice of Authentec AES 4000 or UPEK TCS1 fingerprint sensors.
- Versions with smart card reader enable three factor authentication (PIN, card and fingerprint).

Popular Part Numbers	Description
G83-14201LPAUS-2	Black USB keyboard with Authentec AES 4000 fingerprint sensor, high performance PCSC/EMV smart card reader, US 104 position key layout.
G83-14301LPAUS-2	Black USB keyboard with Authentec AES 4000 fingerprint sensor, US 104 position key layout.
G83-14401LPAUS-2	Black USB keyboard with UPEK TCS1 fingerprint sensor and high performance PCSC smart card reader, US 104 position key layout. 'OEM Protector Suite' authentication software.
G83-14501LPAUS-2	Black USB keyboard with UPEK TCS1 fingerprint sensor, US 104 position key layout. 'OEM Protector Suite' authentication software.
G83-14601LPAEU-2	Black USB keyboard with Authentic AES2501 fingerprint sensor, high performance PCSC/EMV smart card reader, International 104 position key layout.
G83-14701LPAEU-2	Black USB keyboard with Authentic AES2501 fingerprint sensor.
M-4200	USB Optical FingerTIP ID Mouse Silver/Black, UPEK TCS2 Sensor

Keyboard versions also available in Light Gray.

Desktop Smart Card Reader

- Heavy-duty design allows for single-handed insertion from top.
- CAC Certified and FIPS 201 certified.

Part Number	Description
ST-1044UB	Light grey high performance PCSC/EMV smart card reader with black socket, USB. FIPS 201 certified.
ST-1210UAE	Standalone, Black USB, high performance PCSC/EMV smart card contact reader.
ST-1275UAE	Standalone, Black USB, high performance PCSC/EMV smart card contact/contactless reader. FIPS 201 certified.

G83-6644 G83-14401 G81-7043 ST-1044 M-4200 SR-4044 ST-1210

J84-2120 Series

Multifunctional, compact, USB sealed keyboards with backlit keys suitable for a broad range of applications. Includes integrated pointing device and a CLEAN key function which disables the keyboard for easy cleaning.

Main Features

- 83 key US layout in a compact 11.4" x 6.4" footprint.
- Sealed, easy-to-clean surface meets NEMA-4 rating.
- Backlit keys adjustable to 4 levels of illumination to enhance operation in variable lit environments.
- Pre-threaded mounting holes simplify custom installations. Suitable for emergency vehicles, dirty and rugged industrial environments, medical carts, and in-vehicle fleet management.

Popular Part Numbers	Description
J84-2120LUAUS-2	Black, washable 11.4" USB QWERTY, adjustable red LED backlit keys, CLEAN key, NEMA-4, pointing device.
J84-2120LUAUS-5	Blue, washable 11.4" USB QWERTY, adjustable green LED backlit keys, CLEAN key, NEMA-4, pointing device.

J84-2800 Series

Perfect for medical environments that require a standard 104 key US layout but need to withstand stringent cleaning or disinfecting applications.

Main Features

- 104 key US Layout USB keyboard.
- CLEAN Key disables and enables the keyboard for easy cleaning.
- Round keys provide a soft tactile feel and eliminate bacterial traps.
- Completely sealed, NEMA-4 rigid keyboard suitable for most harsh environments.
- Light medical blue color to help ensure a clean keyboard.

Part Number	Description
J84-2800LUAUS-5	Light blue, washable, 15.7" USB, 104 key US layout QWERTY keyboard, with CLEAN key.

6240 Series Spill and Dust-resistant Keyboards

Popular Part Numbers	Description
G86-62401EUADAA	Black 14" USB keyboard with touchpad. US 106 position key layout with 4 additional keys. IP54 spill & dust resistant key field.
G86-62401EUAEAA	Light Grey 14" USB keyboard with touchpad. US 106 position key layout with 4 additional keys. IP54 spill & dust resistant key field.

1800 and 11900 Series Compact Keyboards

Highly durable compact keyboard designs with mechanical keyswitch technology for industrial and commercial applications.

Main Features

- MX gold crosspoint switches exceed 50 million operations.
- Full QWERTY layout in compact 16" footprint.
- Fully programmable keys with Cherry Keyman Software (USB versions).
- Available with PS/2 or USB interface.
- Optional high-resolution touchpad.

Popular Part Numbers	Description
G81-1800LPMUS-2	Black 16" PS/2 keyboard, US 104 position key layout. Mechanical keyswitches.
G81-1800LUMUS-2	Black 16" USB keyboard, US 104 position key layout. Mechanical keyswitches.
G80-11900LUMEU-2	Black 16" USB keyboard with touchpad, US Int'l 104 position key layout. MX gold crosspoint keyswitches, 22 programmable keys.
G80-11900LPMUS-2	Black 16" PS/2 keyboard with touchpad. US 104 position key layout, two PS/2 connectors. MX gold crosspoint keyswitches.
G80-11900LTMUS-2	Black 16" PS/2 keyboard with touchpad. US 104 position key layout, two PS/2 connectors. Option for serial touchpad interface with included adapter. MX gold crosspoint keyswitches.

Keyboard versions also available in light grey ("-0").

J84-2120LUAUS-2

G86-6240

J84-2800LUAUS-5

J84-2120LUAUS-5

G80-11900

G81-1800

4100 and 4400 Series Ultraslim Keyboards

Highly durable, ultra-slim keyboard designs with mechanical keyswitch technology for industrial and commercial applications.

Main Features

- Mechanical keyswitches exceed 50 million operations.
- Compact QWERTY layout in 11" or 15" footprint combines maximum space efficiency with comfortable data entry.
- Available with PS/2 or USB interface.
- Optional ultraflat trackball.

Popular Part Numbers	Description
G84-4100PRAUS	Black 11" ultraslim PS/2 keyboard. US space reduced 83 position key layout without 'Windows® keys'. Mechanical keyswitches with tampo printed keycaps.
G84-4100LCMUS-2	Black 11" ultraslim keyboard. US space reduced 86 position key layout. Includes USB and PS/2 connectors. Mechanical keyswitches with lasered keycaps.
G84-4420LPBEU-2	Black 15" ultraslim PS/2 keyboard with optical trackball. US space reduced 83 position key layout, 2 PS/2 connectors. Mechanical keyswitches with lasered keycaps.
G84-4420LUBEU-2	Black 15" ultraslim USB keyboard with optical trackball. US space reduced 83 position key layout. Mechanical keyswitches with lasered keycaps.

Keyboard versions also available in light grey.

Business Keyboards

Reliable proven design PC keyboards.

Popular Part Numbers	Description
G83-6104LPNEU-2	Black PS/2 keyboard, Intl. 104 position key layout.
G83-6104LUNEU-2	Black USB keyboard, International 104 position key layout.
J82-16001LUNEU-2	Black USB keyboard 'Business K-1'. US 104 position key layout. Standard Business Design.
J82-16001LPNEU-2	Black PS/2 keyboard 'Business K-1'. US 104 position key layout. Standard Business Design.

Keyboard versions also available in light grey ("-0").

Multimedia/Wireless Keyboards

Designed for Professionals — Cherry's multimedia keyboards bring a new level of design and performance to those who expect the most out of their keyboard.

Popular Part Numbers	Description
M82-24810EU	**Evolution Control** Silver/Black 2.4GHz wireless keyboard/mouse bundle, 114 key Intl. key layout, 5-button optical mouse.
M85-25810EU	**Marlin** Silver/Black 2.4GHz wireless keyboard/mouse bundle, 114 key Intl. key layout, 5-button laser mouse.
M85-2600EU-2*	**B-Unlimited** Black 2.4GHz wireless keyboard/mouse bundle, 108 key Intl. key layout, 5-button symmetrical mouse.

Mice

All Cherry Power Wheel Mouse models feature optical sensors for precise movements. Several models available.

Popular Part Numbers	Description
M-5400	**Power Wheel Mouse, Grey** Light grey optical mouse with scroll wheel. Includes PS/2 and USB connectors. Standard Business Design.
M-5450	**Power Wheel Mouse, Black** Black optical mouse with scroll wheel. Includes PS/2 and USB connectors. Standard Business Design.
M-T3000	**Wireless Mouse** Black, 3-button optical wireless traveler mouse, long battery life.
M-T3030	**Wireless Mouse** Silver/White, 3-button optical wireless traveler mouse, long battery life.

Keyboard Covers

Visit our Web site for a full selection of plastic covers to protect your Cherry keyboards.

G84-4100

G83-6104

M85-24810

M85-25810

G84-4400

J82-16001

MT-3000   **M-5450**

MT-3030   **M-5400**

M85-2600

KEYBOARDS & COMPUTER INPUT DEVICES

The Right Solutions for all Your Needs.
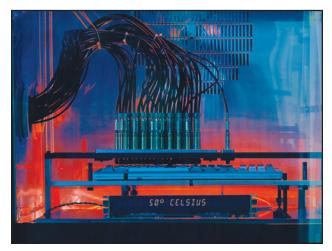
With one of the broadest and most reliable product lines in the industry, Cherry has exactly what you need for all your keyboard-related applications. The leader in POS/retail solutions, we also offer an extensive selection of industrial, office and security products combining the latest technologies with Cherry's legendary quality.

Nobody Beats Cherry for Keyboard Quality and Performance.

Cherry's European keyboard factory recently received the prestigious "Best Factory in Europe" award, as judged by a panel of experts from the universities WHU in Germany and INSEAD in France. Panelists highlighted Cherry's excellence in Operational Strategy, Supply Chain Management and Continuous Improvement. We are committed to operational excellence and technical innovation to provide our customers keyboards and computer input devices of outstanding quality and unsurpassed performance.

Cherry's exclusive Keyman and Cherry Tools software products set new industry standards for ease-of-use. Our long experience in developing input devices for open architectures and our close relationships with the industry-leading software developers in the Point-Of-Sale and Security markets ensure smooth installation of your Cherry product.

Cherry's operational excellence and technical innovation result in keyboards of outstanding quality and unsurpassed performance.

Keyboard Selection Chart

Cherry Product Series	Programmable Keys	Relegendable Keys	Magnetic Stripe Reader	Smart Card Reader	Fingerprint Sensor	Compact Layout	# of Keys	Touchpad	Trackball	Wireless Connection	Optical Mouse	Washable
POS/Grocery Keyboards (page 2-3)												
MPOS QWERTY Series	●	●	●			●	83					
SPOS QWERTY Series	●	●	●		●	●	123/135	●				
SPOS Rows & Columns Series	●	●	●			●	130/142	●				
LPOS QWERTY Series	●	●	●				127/131	●				
RC80 Series	●	●	●			●	80					
RC128 Series	●	●	●			●	128					
AP POS Keyboards (page 4)												
7000 Series	●		●			●	104					
8000 Series	●		●				104					
8113 Series	●	●	●				120	●				
8200 Series	●	●	●				120					
Integrated Security Devices (page 5)												
Smart Card Keyboards				●			104					
Biometric Keyboards				●	●		104					
Desktop Smart Card Reader				●								
PCMCIA Smart Card Reader				●								
PCMCIA Fingerprint Reader					●							
Desktop Biometric Reader					●							
Biometric Mouse					●							
Washable Keyboards (page 6)												
2120 Series						●	86/104					●
2800 Series												●
Compact/Ultraslim Keyboards (page 6-7)												
1800 Series	●					●	104					
11900 Series	●					●	104	●				
4100 Series						●	83/86					
4400 Series						●	83		●			
6240 Series						●	106	●				
5140 Series	●		●			●	83					
Industrial & Desktop Products (page 7)												
Business Keyboards							104					
Evolution Wireless Keyboards	●						104				●	L
B-Unlimited Wireless Keyboards	●						104				●	L
Power Wheel Mice											●	O
Wireless Travel Mice											●	O

● *Available option. L=Laser Mouse O=Optical Mouse*

For Cherry **Tech Support**, call: 1-800-510-1689 or e-mail us at: keyboardsupport@zf.com

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