

CHERRY XTRFY



MX 10.1 Wireless

DATASHEET

CHERRY XTRFY MX 10.1 Wireless

MECHANICAL LOW-PROFILE GAMING KEYBOARD

Experience speed and comfort with MX 10.1. With ultra-fast wireless connectivity, CHERRY MX LOW PROFILE 2.0 switches and PBT keycaps, this slim aluminum keyboard delivers a smoother, faster typing experience.

THE LOW-PROFILE KEYBOARD TO ELEVATE YOUR GAME.

Experience speed and comfort with the MX 10.1. With ultra-fast wireless connectivity and new CHERRY MX LOW PROFILE 2.0 switches with PBT keycaps, this slim aluminum keyboard delivers a smoother, faster typing experience.

ULTRA-FAST 4K WIRELESS AND 8K WIRED TECHNOLOGY.

Outpace your opponents with 4000 Hz wireless and 8000 Hz wired polling rates. Reporting up to 8 times every millisecond, the MX 10.1 enables your computer to react faster to every keystroke.

TRIPLE CONNECTION MODES.

With three connection modes optimized for performance, the MX 10.1 gives you full flexibility. Choose the 2.4 GHz dongle for an extremely fast wireless connection, Bluetooth® to pair with up to three devices and switch between them seamlessly, or plug in for an ultra-responsive wired connection.

SLIM ALUMINUM DESIGN.

The MX 10.1 combines premium craftsmanship with practical performance. The robust aluminum housing provides extreme durability, while the slim design enhances comfort during long gaming sessions and makes the keyboard more portable.

CHERRY MX LOW PROFILE 2.0 SWITCHES.

CHERRY's mechanical low-profile switch is now better than ever. With a refined design and precisely applied premium-grade lubricant, the MX LOW PROFILE 2.0 offers smoother typing, improved acoustics and a lifespan of over 100 million keystrokes with no loss of input quality.

ROTARY KNOB AND LCD DISPLAY FOR ULTIMATE CONTROL.

The intuitive knob and screen make it easy to adjust RGB lighting, access media controls, and seamlessly switch connection modes or toggle between paired devices. The screen also displays the battery status and offers three customizable profiles for personalized settings.



HIGHLIGHTS

- Slim aluminum design
- Triple connection modes: 2.4 GHz wireless, Bluetooth® and wired
- 8000 Hz wired / 4000 Hz wireless polling rate
- CHERRY MX LOW PROFILE 2.0 mechanical switches
- Durable PBT keycaps
- Rotary knob and LCD display for on-the-fly settings
- Win / Mac mode switch



SCOPE OF DELIVERY

- Keyboard
- Manual
- 4K Dongle
- USB-A to USB-C Cable



PRODUCT SPECIFICATIONS

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes

Latency	1.00 ms
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BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW

PRODUCT VARIANTS

PART NUMBER	LAYOUT	COLOUR	SWITCHES
G8A-25100HGACN-2	CN (China)	black	CHERRY MX LOW PROFILE 2.0 IVORY
G8A-25100HJACN-2	CN (China)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HJADE-2	DE (Germany)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HJAFR-2	FR (France)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HJAGB-2	GB (United Kingdom)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HJAPN-2	PN (PanNordic)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HJAUS-2	US (USA)	black	CHERRY MX LOW PROFILE 2.0 RED
G8A-25100HGACN-1	CN (China)	silver	CHERRY MX LOW PROFILE SPEED
G8A-25100HJACN-1	CN (China)	silver	CHERRY MX LOW PROFILE RED

MX 10.1 RGB [G8A-25100HGACN-2]



Layout: CN (China)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 IVORY

Part number	G8A-25100HGACN-2
EAN	4025112118913

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 192,5 mm × 47,5 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

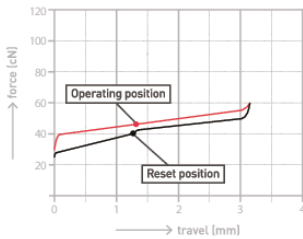
BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW

SWITCHES: MX2B-92NA



Type	mechanical, MX
Operating life	>100m.
stem colour	no
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	50 cN
Actuation point force	50 cN
Initial force	35 cN
Final force	100 cN
Factory lubed	yes
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJACN-2]

Layout: CN (China)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJACN-2
EAN	4025112118906

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 192,5 mm × 47,5 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

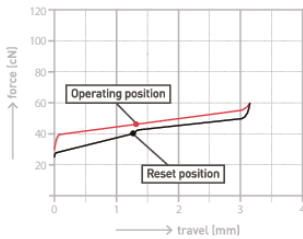
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJADE-2]

Layout: DE (Germany)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJADE-2
EAN	4025112119491

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 225 mm × 68 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104 + 1
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

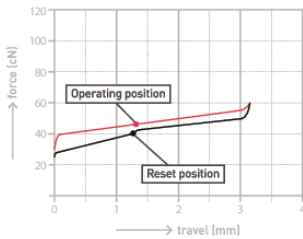
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJA FR-2]

Layout: FR (France)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJA FR-2
EAN	4025112119507

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 225 mm × 68 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104 + 1
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

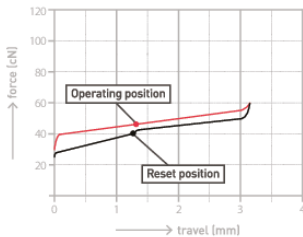
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJAGB-2]

Layout: GB (United Kingdom)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJAGB-2
EAN	4025112119514

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 225 mm × 68 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104 + 1
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

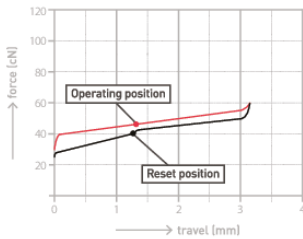
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJAPN-2]

Layout: PN (PanNordic)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJAPN-2
EAN	4025112119521

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 225 mm × 68 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104 + 1
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

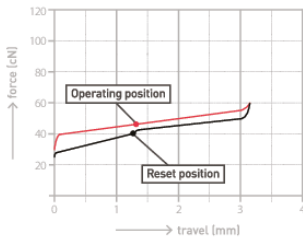
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HJAUS-2]

Layout: US (USA)

Product colour: Black

Switches: CHERRY MX LOW PROFILE 2.0 RED



Part number	G8A-25100HJAUS-2
EAN	4025112119484
UPC	840183609214

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 225 mm × 68 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

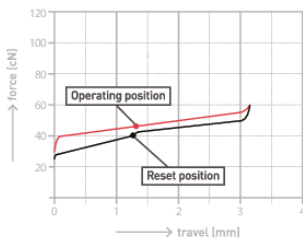
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

MX 10.1 RGB [G8A-25100HGACN-1]

Layout: CN (China)

Product colour: Silver

Switches: CHERRY MX LOW PROFILE SPEED



Part number	G8A-25100HGACN-1
EAN	4025112118937

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 192,5 mm × 47,5 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW

SWITCHES: MX1B-52NA

Type	mechanical, MX
Operating life	>100m.
stem colour	silver
Pre-Travel	1 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.8 g

MX 10.1 RGB [G8A-25100HJACN-1]

Layout: CN (China)

Product colour: Silver

Switches: CHERRY MX LOW PROFILE RED



Part number	G8A-25100HJACN-1
EAN	4025112118920

PRODUCT INFORMATION

Model number	G8A-25100
Reliability	MTBF 90: > 10 Mio.
Warranty	2 years warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- ICES-003 (Canada)- KCC- BSMI- SRRC- Telec- UKCA
Software support	CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Windows 7 or higher- Windows 10 or higher- Mac OS
System Requirements-Hardware	USB-A
Dimensions inc. packaging	487 mm × 192,5 mm × 47,5 mm 2,082 g

TEMPERATURE

Min. operating temperature	0 °C
Max. operating temperature	50 °C

CABLE

Cable length	180 cm
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KEYBOARD

Keycap material	PBT
Key labeling	Dye-sublimation
Palm rest	Palm rest not available
Number of keys	104
Illumination	RGB
Adjustable feet	yes
Status LEDs	in keys
Key technology	Mechanical
Service life per key (in million strokes)	100 mio. actuations
Max. current consumption (mA) of keyboard	500 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
Volume (dB) of keyboard	40 db
N-Key Rollover	yes
Anti-ghosting	yes
Key encryption	AES-128
Response time	1 ms
Internal memory	256 kBit
Hotswap	no

WIRELESS

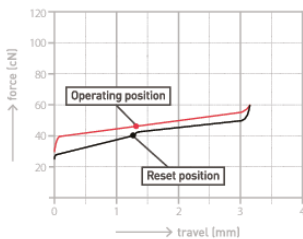
USB dongle	yes
2.4 Ghz wireless connection	yes
Wireless range	10 m
Encryption in wireless mode	yes
Latency	1.00 ms

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.3
Bluetooth range	10 m

BATTERY

Number of batteries	2
Battery type	Li-Ion
Battery design	Special
Battery rechargeable	yes
Battery replaceable	no
Maximum Charging Capability	2,500 mW
Minimum Charging Capability	2,500 mW



SWITCHES: MX1B-L2NA

Type	mechanical, MX
Operating life	>100m.
stem colour	red
Pre-Travel	1,2 mm
RGB	yes
Spring	Stainless steel
Cover colour	transparent
Bottom housing colour	translucent
Actuation force	45 cN
Initial force	30 cN
Final force	100 cN
Dimensions inc. packaging	240 mm × 240 mm × 110 mm 1.4 g

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Cherrystraße 2 · 91275 Auerbach/OPf. · Germany
cherry-world.com · cherry.de

Sales Support · Technischer Support · eHealth Support

+49 9643 - 2061 - 100
www.cherry.de/de-de/kontakt

Errors, technical changes and delivery options reserved. Technical information refers only to the specification of the products. Properties are not guaranteed. Actual battery life is strongly depending on individual user behavior and hardware setup.