



STREAM DESKTOP ULTIMATE

DATASHEET

CHERRY STREAM DESKTOP ULTIMATE

THE ULTIMATE DESKTOP SET FOR THOSE WHO EXPECT MORE. ERGONOMICS, CONTROL, AND FLEXIBILITY COMBINED IN A PROFESSIONAL-GRADE TOOL.

A Perfect Pair for Maximum Productivity

The CHERRY STREAM DESKTOP ULTIMATE combines two professional-grade tools into one sleek, modern set: the ergonomic CHERRY STREAM MOUSE ULTIMATE and the high-performance CHERRY STREAM KEYBOARD ULTIMATE. Designed for professionals working in Excel, CAD, software development, or design who demand nothing less than premium quality and smart functionality.

CHERRY STREAM MOUSE ULTIMATE – Where Control Feels Natural

The mouse fits perfectly in your hand. Its ergonomic shape, combined with a rubberized 3D Voronoi thumb rest, ensures lasting comfort even during long work sessions. At the core of the experience is the revolutionary CHERRY ProScroll technology, which gives you full control over how you scroll. Choose between tactile steps, smooth motion, or fast scrolling for large data sets.

With four scroll presets (Default, Smooth, Focus, Control) and the option to customize your own profile in the companion software, this mouse adapts to your workflow. One click switches between modes for more efficiency and ergonomics throughout your day. It's the ideal tool for power users.

With up to 4,000 dpi, quiet buttons, and status LEDs for battery, DPI, and scroll mode, the CHERRY STREAM MOUSE ULTIMATE is built for precise, productive work.

CHERRY STREAM KEYBOARD ULTIMATE – Every Keystroke Matters

The keyboard with CHERRY SX scissor mechanism delivers a quiet, responsive, and comfortable typing experience. The white backlighting with five adjustable brightness levels ensures excellent visibility in any environment, while additional status LEDs keep you informed about key functions like channel selection and Caps Lock.

An integrated metal plate and rubberized feet provide reliable stability. Three adjustable tilt angles (0°/4°/8°) let you personalize your typing posture. Eight media and office hotkeys improve daily workflows, and the Co-Pilot key provides direct access to AI support for smarter work.

Maximum Flexibility, Minimal Compromise

With four connection modes—two Bluetooth® 5.2 channels, 2.4 GHz wireless, and USB cable – plus a built-in battery, auto charging via cable, and a compact nano receiver, the CHERRY STREAM DESKTOP ULTIMATE adapts to your workflow effortlessly. Whether you're switching between devices or working on the go, this desktop set delivers seamless performance.

Security guaranteed: The entire set transmits keystrokes and inputs with AES-128 encryption in both Bluetooth® and 2.4 GHz modes. Designed with sustainability in mind, it features a high proportion of recycled plastic and premium copper accents – a functional and visual highlight for any workspace.

The Professional Set for Demanding Users

Whether you're working from home or in a professional office environment, the CHERRY STREAM DESKTOP ULTIMATE is your go-to choice for outstanding quality, ergonomic design, sustainable materials, and premium engineering in one cohesive solution.

The CHERRY STREAM DESKTOP ULTIMATE combines an innovative mouse and a precision keyboard into one powerful multi-device solution for professional users. With four connection modes – two Bluetooth® 5.2 channels, 2.4 GHz wireless, and USB cable – seamless switching between devices is fast and intuitive. The STREAM MOUSE ULTIMATE stands out with its CHERRY ProScroll wheel, offering tactile, smooth, or fast scroll modes for superior control in demanding applications. The keyboard features CHERRY SX scissor technology, customizable white backlighting, and AI-assisted workflow integration via the Co-Pilot key. Both devices deliver encrypted, responsive performance and ergonomic comfort, wrapped in a sustainable design with premium materials and copper accents.



HIGHLIGHTS

- CHERRY ProScroll: Fully customizable scroll behavior – tactile, smooth, or fast
- 4-channel connectivity: Two Bluetooth 5.2 channels, 2.4 GHz wireless, and USB cable
- Ergonomic 7-button mouse: Optimized for right-handed users with rubberized 3D Voronoi thumb rest
- CHERRY SX Scissor mechanism: For precise and comfortable typing
- Backlit keys: Five brightness levels plus additional status LEDs for visibility in any environment
- High-performance mouse sensor: Four dpi levels up to 4,000 dpi for precision control
- 6-key rollover: Fast, accurate typing without input loss
- AES-128 encryption: Secure data transmission in Bluetooth® and 2.4 GHz modes
- Premium design & sustainability: Durable housing made from high recycled content with refined copper accents

SCOPE OF DELIVERY

- Dongle
- Mouse
- Keyboard
- USB-A to USB-C Cable
- Manual

TECHNICAL DATA

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes

N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Sensor	PAW3809EK-CXML SENSOR LGA20PIN (GP+HF) 4000 dpi
Illumination	white
Model-number Mouse	JD-857M
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C

PRODUCT VARIANTS

PART NUMBER	LAYOUT	COLOUR
JD-8570DE-2	DE (Germany)	black
JD-8570EU-2	EU (USA+ €-Symbol)	black
JD-8570FR-2	FR (France)	black
JD-8570GB-2	GB (United Kingdom)	black
JD-8570PN-2	PN (PanNordic)	black
JD-8570US-2	US (USA)	black

CHERRY STREAM DESKTOP ULTIMATE [JD-8570DE-2]

Layout: DE (Germany)

Product colour: Black



Part number	JD-8570DE-2
EAN	4025112110658

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11
Dimensions inc. packaging	580 mm × 190 mm × 60 mm 1,740 g

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white

Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

CHERRY STREAM DESKTOP ULTIMATE [JD-8570EU-2]

Layout: EU (USA+ €-Symbol)

Product colour: Black



Part number	JD-8570EU-2
EAN	4025112110689

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white
Adjustable feet	yes

Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
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Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

CHERRY STREAM DESKTOP ULTIMATE [JD-8570FR-2]

Layout: FR (France)
Product colour: Black



Part number	JD-8570FR-2
EAN	4025112110665

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11
Dimensions inc. packaging	580 mm × 190 mm × 60 mm 1,740 g

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white

Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

CHERRY STREAM DESKTOP ULTIMATE [JD-8570GB-2]

Layout: GB (United Kingdom)

Product colour: Black



Part number	JD-8570GB-2
EAN	4025112110672

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11
Dimensions inc. packaging	580 mm × 190 mm × 60 mm 1,740 g

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white

Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

CHERRY STREAM DESKTOP ULTIMATE [JD-8570PN-2]

Layout: PN (PanNordic)

Product colour: Black



Part number	JD-8570PN-2
EAN	4025112119002

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11
Dimensions inc. packaging	580 mm × 190 mm × 60 mm 1,740 g

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating
Illumination	white

Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

CHERRY STREAM DESKTOP ULTIMATE [JD-8570US-2]

Layout: US (USA)

Product colour: Black



Part number	JD-8570US-2
EAN	4025112110702
UPC	840183607531

PRODUCT INFORMATION

Model number	JD-857K
Warranty	1 additional year voluntary limited manufacturers warranty
Product approvals	<ul style="list-style-type: none">- CE- China RoHS- FCC- UKCA
Software support	<ul style="list-style-type: none">- CHERRY KEYS- CHERRY Utility Software & Assistant
Operating system	<ul style="list-style-type: none">- Android- iOS- Windows 7 or higher- Windows 10- Windows 11
Dimensions inc. packaging	580 mm × 190 mm × 60 mm 1,740 g

TEMPERATURE

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

KEYBOARD

Keycap material	ABS
Key labeling	Laser etching + UV coating

Illumination	white
Adjustable feet	yes
Status LEDs	in keys
Key technology	Scissor
Max. current consumption (mA) of keyboard	600 mA
Keyboard format	Full-size (100%)
Integrated metal plate	yes
N-Key Rollover	no
Anti-ghosting	no
Key encryption	AES-128
Internal memory	no
Windows key	with Windows key
Hotswap	no

MOUSE

Number of keys	7
Thumb buttons	yes
Illumination	white
Polling rate	1000 Hz

WIRELESS

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

BLUETOOTH

Connection via Bluetooth	yes
Encryption in Bluetooth mode	yes
Bluetooth protocol	Bluetooth® 5.2

BATTERY

Number of batteries	1
Battery type	Li-Ion
Battery rechargeable	yes
Battery replaceable	no
Battery charging socket	USB-C
Maximum Charging Capability	2,800 mW
Minimum Charging Capability	2,800 mW

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