

USB4 Type-C 40 Gbps 8K Video and 240 W EPR Charging Cable / PD 3.1

USB-C Male to USB-C Male, 1 m (3 ft.), USB4 Gen 3x2, 8K@60Hz Single-Display / 4K@60Hz Dual-Display, Thunderbolt 4 Compatible, Power Delivery 3.1 Backward Compatible with 140/100/65 W, Black

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USB4 240W 40G USB-C charging cable M/M with Power Delivery 3.1 for the next generation of USB charging

This Manhattan USB4 Type-C Charging Cable is your future-proof connection for high-power USB chargers and laptops to come. It is compliant with the latest USB Power Delivery standard 3.1, which introduced Extended Power Range (EPR). Cables and devices with EPR support power up to 240 watts (48 V / 5 A), an increase that's nearly 2.5 times the 100 W (20 V / 5 A max.) limit of the Standard Power Range (SPR) in PD 3.0.

Superior wattage, backward compatible with older chargers

Such a superior wattage for USB-C has a lot of benefits: High-end devices like the latest 16" MacBook Pro® or a modern gaming laptop already take advantage of input power above 100 W, which they currently receive from a proprietary charging brick. Those bricks use custom DC tips that are not interchangeable between different brands. If you lose such a brick, it is frustrating and expensive to replace. The universal USB-C connector puts an end to that frustration, allowing notebooks from every manufacturer to be charged from any PD 3.1-compliant wall charger, power bank or charger. This is also why a new EU regulation requires laptops to be chargeable via USB-C starting in 2026. PD 3.1 is backward compatible with PD 3.0, so you can still use your legacy chargers with 140, 100, 65 W or lower.

Ultra-Fast 40G data transfer and 8K single-display or 4K dual-display resolution with USB4 (also known as USB 4.0)

Transfer movies, music, or an entire photo library quickly with 40 Gbps data transfer speeds on this cable. If you use it for video (e.g., with your docking station) it delivers images in brilliant 8K (7680 x 4320) at rapid 60 Hz or 4K UHD at blazing fast 144Hz with Dynamic HDR10 for perfect contrast and colors.

Strong shielding and heavy-duty braided jacket with flexible strain relief

The extremely durable molded aluminum boot absorbs the stress of frequent bends without damaging the core of the cable, while the braided jacket makes the cable virtually tangle-free. That combination resists cracking and protects from daily wear and tear or frequent in-car use. The double shielding (aluminum foil and braid) and corrosion-resistant contacts provide maximum signal integrity. The USB-C plugs are reversible, so they will always fit, no matter which way you insert them.

Features:

- USB Power Delivery (PD) 3.1 cable with Extended Power Range (EPR) charging up to 240 W at 48 V / 5 A, backward compatible with PD 3.0/2.0/1.0
- Supports ultra-fast data transfer speeds up to 40 Gbps
- Compatible with USB4® and Thunderbolt™ 3 / 4 interfaces
- Supports resolutions up to 8K@60Hz and 4K@144Hz on single-display or 4K@60Hz on dual-display video output
- USB-C male to USB-C male for connecting to USB-C device ports
- E-Marker chipset for lossless, reliable 240 W power delivery over the entire distance
- Compliant with DisplayPort 2.0 Alternate Mode (DP Alt Mode)
- Dynamic HDR10 for superior contrast and brilliant colors
- Ultra-high bandwidth, ideal for direct, lossless connection to a monitor with USB-C interface
- Braided, tangle-resistant jacket with heavy-duty strain relief

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- Sturdy aluminum boot for superior durability
- Foil and braid double shielding to reduce EMI and other interference sources
- Gold-plated pins and pure copper wire for corrosion-free connections
- Bi-directional design - either plug can send power and data from a source or receive them at a downstream device
- Great for your current and future USB-C powered laptop, MacBook® Pro or docking station
- Charges other Type-C devices like phones, tablets, portable game consoles and more
- Backward compatible with USB 3.2 Gen 1/2, USB 3.0, USB 2.0 and USB 1.1
- Three-year warranty

Specifications:

Standards and Certifications
• CE
• RoHS
• REACH
• USB4 Gen 3x2
• PD 3.1

General
• Two USB-C 24-pin males
• Double shielding: aluminum foil and braid
• Gold-plated pins, nickel-plated shell
• Wire: pure bare copper
• Aluminum boot with strain relief
• 22/29 AWG
• Length: 1 m (3 ft.)
• Outer diameter (OD): 4.8 mm (0.19 in.)
• Net weight: 40 g (1.41 oz.)
• Gross weight: 56 g (1.98 oz.)

Electrical
• Withstanding voltage: 500.0 V DC 10 ms
• Insulation resistance: 100 MOhm/km at 20° C (68°F)
• Contact resistance: 3 Ohm (max.)
• Supported power throughput: 240.0 W at 48.0 V / 5.0 A max.

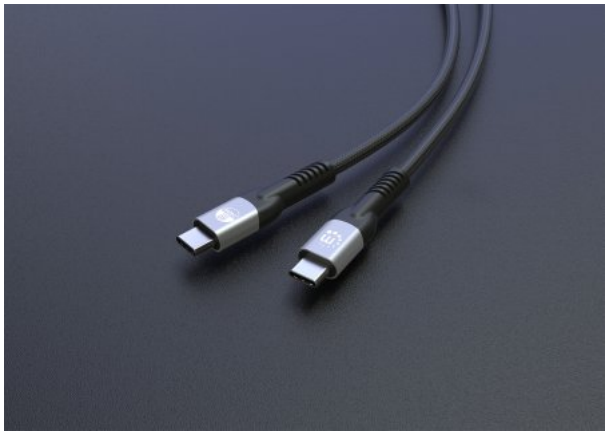
Operating Environment
• Operation temperature: 0 - 45°C (32 - 113°F)
• Operating humidity (non-condensing): 10 - 85%
• Storage temperature: -10 - 70°C (14 - 158°F)
• Storage humidity (non-condensing): 5 - 90%

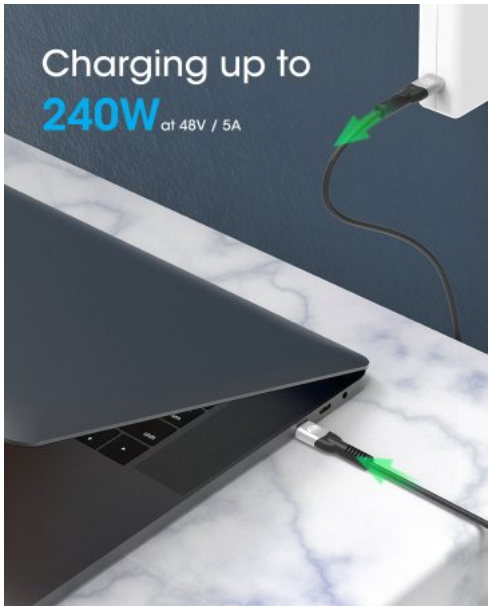


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