



## 40Gbps USB4 Thunderbolt 3 Cable (USB-C to USB-C)

UC4 Series

### FEATURES

- **Superfast Speed:** Transfers up to 40Gbps between Thunderbolt 3 USB-C devices
- **Fast Charging:** Safe power delivery and charging up to 240W\* to USB Power Delivery devices
- **Ultimate HD Display:** Supports dual 4K or single 5K UHD display and DisplayPort Alternative Mode
- **Durable and Tangle Free:** Designed with TPE (Thermoplastic Elastomer) elastic materials for tangle-free and durability
- **Wide and Backward Compatible:** Thunderbolt 3 USB4 Type-C interface is backward compatible with Thunderbolt 2, USB-C 3.2, 3.1, and 2.0
- **Flexible Daisy-Chain:** Connection up to 6 Thunderbolt 3 devices

### OVERVIEW

EDIMAX UC4 series USB4 Thunderbolt 3 cable assembles with USB-C connectors on both ends that offers high performance, cost-effective solutions for data, audio and video. Transferring up to 40Gbps and smart fast power charging of up to 240W\* applications.

The UC4 series cable delivers authentic high-quality audio and crystal-clear video to a 5K display or use the cable with a Thunderbolt 3 or 4 dock to dual 4K displays. Furthermore, designed with durable and tangle-free TPE elastic materials, the UC4 series USB4 Thunderbolt 3 cables are backward compatible with Thunderbolt 2, USB-C 3.2, 3.1, and 2.0 devices.

One cable that does it all. The UC4 cable offers a simple way to deliver data transfer, audio/video output and power charge for all Thunderbolt 3 USB-C devices.

### Superfast Speed | Transfer Up to 40Gbps

Between Thunderbolt 3 devices, the UC4 cable supports data, audio and video transfer up to an astonishing and superfast speed of 40Gbps. Transferring movies, music libraries, TV shows in seconds. It's ideal use for high resolution photos for editing or storage, 3D models for video game authoring, or HD video for editing.

### Fast Charging | Power Delivery Up to 240W\*

The UC4 series Thunderbolt 3 cable can deliver power in bi-direction up to 240W\* (5A/ 20V) to an USB Power Delivery (USB-PD) device. Safely and smartly power and charge your Thunderbolt 3 and USB-C devices through the UC4 cable.

### Ultimate HD Video Display | Dual-4K or Single 5K Display

With the Thunderbolt 3 technology, deliver authentic high-quality audio and crystal-clear video to a 5K display or use the cable with a Thunderbolt 3 or 4 dock to dual 4K displays. The cable outputs UHD video to a single connection can either support one 5K display 30-bit @ 60Hz, one 4K display 30-bit @ 120Hz or two 4K displays each 30-bit @ 60Hz. The UC4 cable supports DisplayPort Alternative Mode to connect video source (e.g. PCs, Blu-Ray players, etc.) and display device (e.g. TVs, projectors, etc.) that support DisplayPort to each other via their USB-C ports, that broadcast HD videos.

### Durable and Tangle Free | TPE Elastic Materials

Designed with Thermoplastic Elastomer, also known as TPE, the cable is a durable compound of plastic and rubber that remains flexibility and can handle temperature extremes while staying tangle-free and durable.

(\*UC4-010TB V1 power delivery up to 100W only)

**Wide Compatibility | Backward Compatible**

The USB4 interface is not only compatible with the Thunderbolt 3 interface, but also backward compatible with Thunderbolt 2 and USB-C 3.2/3.1/3.0/2.0 and delivers speeds up to 20Gbps for Thunderbolt 2/USB3.2, up to 10Gbps for USB3.1 and 480Mbps for USB2.0 devices, perfectly solves the selection problem.

**Flexible Daisy-Chain | Connection Up to 6 Devices**

With Thunderbolt 3 daisy chain technology, the UC4 cable can connect up to 6 Thunderbolt 3 USB-C enabled devices including hubs, docking stations, monitors, PCs, external graphics cards, SSD drives, displays and more. Providing flexibility when transferring heavier video and data loads.

**SPECIFICATIONS**

HARDWARE	
Cable Type	USB4 / Thunderbolt 3 (TBT3) Cable
Connector	USB-C (24-pin) Male to USB-C (24-pin) Male
Conductor Gauge	30AWG
Jacket	TPE (Thermoplastic Elastomer)
Cable Length	<ul style="list-style-type: none"> <li>UC4-005TB: 0.5 Meter/1.64 Feet</li> <li>UC4-010TB V1 &amp; V2: 1 Meter/3.28 Feet</li> <li>UC4-020TP: 2 Meters/ 6.56 Feet</li> <li>UC4-030TP: 3 Meters/10 Feet</li> <li>UC4-050TP: 5 Meters/16.4 Feet</li> </ul>
PERFORMANCE	
Data Transmission Rate	<ul style="list-style-type: none"> <li>Up to 40Gbps</li> <li>Thunderbolt 3: Up to 40Gbps</li> <li>USB4: Up to 40Gbps</li> <li>USB 3.2: Up to 20Gbps</li> <li>USB 3.1: Up to 10Gbps</li> <li>USB 2.0 Up to 480Mbps</li> </ul>
Power Delivery	<ul style="list-style-type: none"> <li>Up to 240W*, 20V/5A Max. (*UC4-010TB V1 up to 100W only)</li> </ul>
Video/Audio	<ul style="list-style-type: none"> <li>DisplayPort Alternate Mode (DP Alt Mode)</li> <li>One 4K display (4096 x 2160) 30-bit @ 120Hz</li> <li>One 5K display (5120 x 2880) 30-bit @ 60Hz</li> <li>Two 4K displays each (4096 x 2160) 30-bit @ 60Hz</li> </ul>
OTHERS	
Standard	<ul style="list-style-type: none"> <li>USB4 / USB3.2 / USB3.1 / USB2.0</li> <li>Thunderbolt 3</li> <li>DisplayPort 1.4</li> <li>DisplayPort Alternate Mode (DP Alt Mode)</li> <li>PCI-E 3.0</li> </ul>
Temperature Range	Storage: -10~ 70 °C Operation: 0~ 55 °C
Certification	CE, e-Mark

**APPLICATION DIAGRAM****One Cable that Does It All**

Supports data transfer, video/audio output and power charge for all USB-C and Thunderbolt 3 devices.



Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.  
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