## ASUS ThunderboltEX 4 interface cards/adapter Internal Mini DisplayPort, PCIe, Thunderbolt, USB 2.0, USB 3.2 Gen 2 (3.1 Gen 2)

Brand: ASUS Product code: 90MC09P0-M0EAY0

Product name: ThunderboltEX 4

- Intel®-certified Thunderbolt™ 4 add-on card
- 40 Gbps bi-directional bandwidth for superfast data transfers and video output
- Dual Thunderbolt™ 4 ports (USB-C®), with support for up to five Thunderbolt devices in a daisy chain
- DisplayPort™ 1.4 for 8K Ultra HD support

Intel Thunderbolt 4 JHL8540, 2 x USB Type-C (Thunderbolt 4), 2 x mini DisplayPort, 1 x 6-pin PCIe, 1 x USB 2.0 header, 1 x Thunderbolt header, PCIe 3.0 x4

ASUS ThunderboltEX 4 interface cards/adapter Internal Mini DisplayPort, PCIe, Thunderbolt, USB 2.0, USB 3.2 Gen 2 (3.1 Gen 2):

## Enable blisteringly fast speeds and any-way-up connectivity

ASUS ThunderboltEX 4 is a Thunderbolt $^{\text{TM}}$  4 add-on card that offers 40 Gbps bi-directional bandwidth, USB4 $^{\text{TM}}$  device compatibility, and DisplayPort $^{\text{TM}}$  1.4. It supports up to five Thunderbolt devices in a daisy chain and enables up to 100-watt USB-C $^{\text{RM}}$  charging for laptops.





| Ports & interfaces               |  | System requirements                 |                                    |
|----------------------------------|--|-------------------------------------|------------------------------------|
| Host interface *                 | PCle<br>Mini DisplayPort, PCle, Thunderbolt,<br>USB 2.0, USB 3.2 Gen 2 (3.1 Gen 2)<br>PCle 3.0 | Windows operating systems supported | Windows 10 x64                     |
| Output interface *               |  | Weight & dimensions                 |                                    |
| Expansion card standard          |  | Width                               | 117.7 mm                           |
| USB 2.0 ports quantity           |  | Depth                               | 180.5 mm                           |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C | 2  | Бериі                               | 100.3 11111                        |
| ports quantity                   | 2  | Packaging data                      |                                    |
| Design                           |  | Quantity                            | 1                                  |
| Internal *                       | <b>✓</b>   | Cables included                     | Mini DisplayPort, Thunderbolt, USB |
| Product colour                   | Black  | Drivers included                    | ✓                                  |
| Purpose                          | PC   | Manual                              | ✓                                  |
| Features                         |  | Package type                        | Box                                |
| Chipset                          | Intel Thunderbolt 4 JHL8540  | Logistics data                      |                                    |
| Data transfer rate (max)         | 40 Gbit/s  | Harmonized System (HS) code         | 84733020                           |
| Plug and Play                    | <b>✓</b>   | Other features                      |                                    |
|                                  |  | Maximum resolution                  | 7680 x 4320 pixels                 |
|                                  |  | Compatibility                       | ASUS Intel 500                     |





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