

USB4 to Dual 25G SFP28 Network Adapter

Equipped with high-performance Mellanox chips



Model: DTB3F25

This product is a plug-and-play external network adapter that adds dual-port 25G fiber optic connectivity to your computer (Mac, Windows PC, or Linux computer) via a USB4/Thunderbolt port. With its compact design and quiet operation, it is ideal for high-speed networking applications such as video post-production, data centers, and large-file transfers.

Quick Specifications

Basic Parameters

- ✓ 2 × USB4 (compatible with Thunderbolt 3/4/5; 1 upstream, 1 downstream)
- ✓ 2 × SFP28 fiber ports
- ✓ Multi-rate support: 10G/1G
- ✓ Downstream port output power: 60 W
- ✓ Powered by an external DC power supply

Function

- ✓ The downstream port supports daisy-chain connections for Thunderbolt devices
- ✓ Supports jumbo frames, up to 9,000 bytes
- ✓ Supports 25 Gb/s and 10 Gb/s auto-negotiation
- ✓ The output port supports 60W power delivery
- ✓ Equipped with an LED status indicator

System Requirements

- ✓ Mac OS: No driver installation required; plug and play
- ✓ Windows 11/10
- ✓ Linux

Application Scenarios

- ✓ High-speed NAS data exchange
- ✓ High-speed transfer of large files
- ✓ High-speed network deployment in data centers
- ✓ High-frequency trading systems
- ✓ Scientific computing and data centers

About LeKuo: Shenzhen MMUI CO.,Ltd is a company that was established in 2004 and focuses on computer boards and industrial embedded systems. The company values professionalism, innovation, and trust, and its products and services cater to various industries such as manufacturing, aerospace, banking, transportation, healthcare, and cloud storage, providing high-quality embedded solutions for industrial control and other areas.

Hardware Interface

Input interface	USB4 40 Gbps (compatible with Thunderbolt 3/4/5)
Downstream Port Function	Supports daisy-chain connection of USB4/Thunderbolt devices and provides 60W power output
Output interface	2 x SFP28 fiber ports
Chip	Mellanox
Actual transfer speed	Approximately 2.75 GB/s (internal network environment)

Network Performance

Supported Speeds	Supports 25 Gb/s and 10 Gb/s auto-negotiation
Full-duplex mode	Supports full-duplex mode
Jumbo Frame	Supports jumbo frames, up to 9,000 bytes

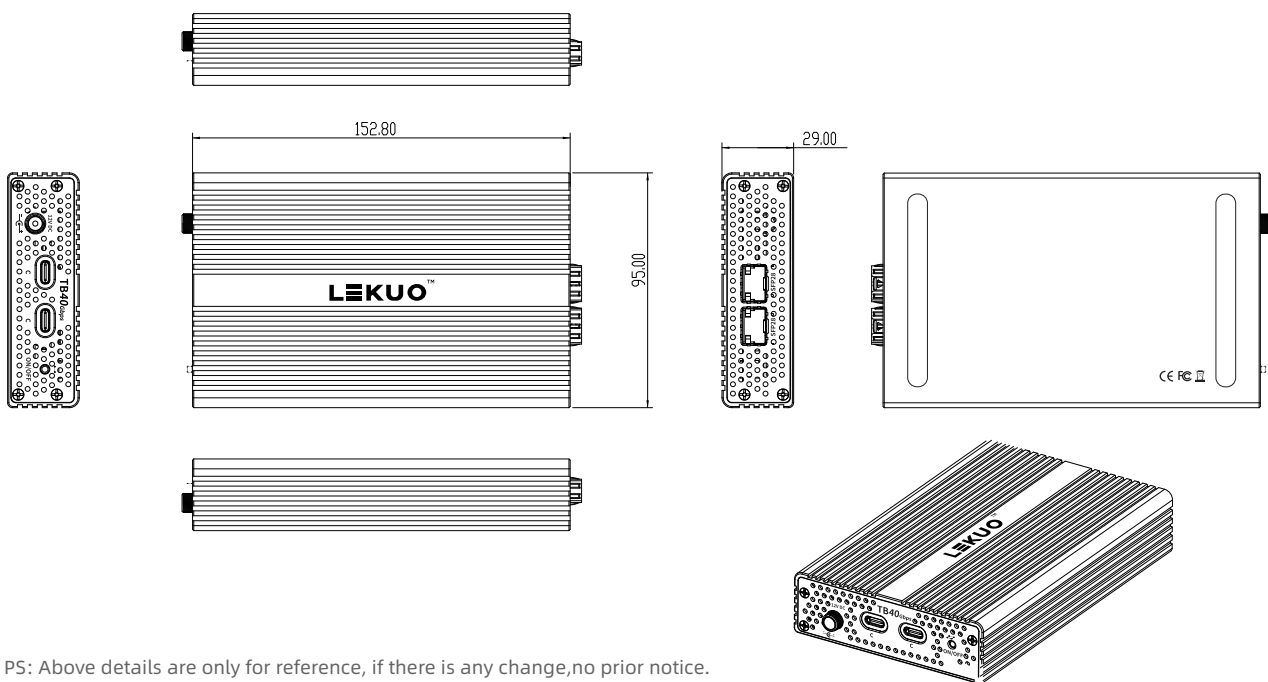
LED Indicator Light Description

Yellow flashing: Link established; data is being transmitted.
 Yellow steady: Currently operating in 25G mode.
 Indicator off: No link established or the network card is not powered on.

Package Contents

- Included Items**
- 1 x USB4 to Dual 25G SFP28 Network Adapter
 - 1 x Type-C data cable
 - 1 x User Manual
 - 1 x Power Adapter

Block Diagram



PS: Above details are only for reference, if there is any change, no prior notice.

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