

DTB3F21

USB4 to Dual 10Gb Fiber SFP+ Ports Network Adapter



• Feature

- Compliant with Universal Serial Bus 3.2 Revision 1.0
- Complies with the 10 Gb/s and 1 Gb/s Ethernet/802.3ap (KX/KX4/KR) specification
- Complies with the 10 Gb/s Ethernet/802.3ae (XAUI) specification
- Complies with the 1000BASE-BX specification
- Complies with the IEEE 802.3x 100BASE-TX specification
- Support for jumbo frames of up to 15.5 KB
- Auto negotiation Clause 73 for supported mode
- CX4 per 802.3ak
- Flow control support: send/receive pause frames and receive FIFO thresholds
- 802.1q VLAN support
- TCP segmentation offload: up to 256 KB
- IPv6 support for IP/TCP and IP/UDP receive checksum offload
- Fragmented UDP checksum offload for packet reassembly
- Message Signaled Interrupts (MSI)

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- Message Signaled Interrupts (MSI-X)
- Interrupt throttling control to limit maximum interrupt rate and improve CPU usage
- Receive packet split header
- Multiple receive queues (Flow Director) 16 x 8 and 32 x 4
- 128 transmit queues
- Receive header replication
- Dynamic interrupt moderation
- DCA support
- TCP timer interrupts
- Support for 64 virtual machines per port (64 VMs x 2 queues)
- Support for Data Center Bridging (DCB)(802.1Qaz, 802.1Qbb, 802.1p)
- LED indicator lights for link/activity/speed status.
- Operation Temperature :0°C to +55°C;
- Storage Temperature: -40°C to +70°C

• Specification

Chipset ID	Intel 82599ES
Number of Ports	2 Port
OS Compatibility	• Microsoft® Windows®, 10/11 ,Server 2022 • RHEL/Centros7.3/7.6/7.9/8.2/8.3 • Deepin 15.11/20/20/20.6 • Ubuntu 16.04.3/18.04.5 and later releases • Mac OS

• Accessories

- 1 x USB4 to Dual 10Gb Fiber SFP+ Ports Network Adapter
- 1 x User Manual
- 1 x Type-C to Type-C Cable

Note: Contents may vary depending on country/market

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