



DTA 1162A



DTA 1162B

Main Features

- Intel Atom® processor C3000 series SoC, BGA type
- Quick assist: up to 20Gbps crypto
- DDR4-2133 ECC or non-ECC memory SO-DIMM, max. 32GB
- Support 4 x 1GbE LAN ports, 2 x 1GbE SFP port for DTA 1162B/2 x 1GbE LAN ports for DTA1162A
- Internal one M.2 2242 socket, on-board eMMC 5.0
- 2 x USB 3.0 connector
- TPM 1.2/2.0 supported

Product Overview

Desktop network security appliance DTA 1162A/1162B helps small and medium enterprises build a securely connected workplace. Based on the new Intel Atom® processor C3000, the DTA 1162A/1162B packs excellent performance per watt, accelerated data cryptography and server-grade LAN functions into a small form factor. This desktop network security appliance can create safe environments for network communication to connect employees and offices.

With dual core SoC Intel Atom® processor C3000 integrated with Intel® QuickAssist Technology, the DTA 1162A/1162B is designed to help increase both network responsiveness and security by distributing computing power to core applications, ranging from mail servers to firewalls, while using Intel® QuickAssist Technology for data encryption and decryption, which were processed by software or a discrete hardware accelerator.

Specifications

Main Board

- DTB1162 series
- Intel Atom® processor C3000 series, BGA type

Main Memory

- 1 x DDR4-1866 (DTA1162A)/2133 (DTA1162B) SO-DIMM ECC or non-ECC memory, max. 16GB

LAN Features

- 4 x Copper ports
- 2 x Fiber ports for DTB1162B/2 x copper ports for DTB1162A
- 2 x LAN controller: Intel® i210-IS for DTB1162B/Intel® i211-AT for DTB1162A
- 1 x Marvell PHY: 88E1543
- Support 10/100/1000 link speed

Expansion

- 1 x M.2 2230 for Wi-Fi module (E-key)
- 1 x M.2 3042 supporting LTE module with SIM slot on-board (B-key)

I/O Interface-Front

- LED for power status/HDD status/LAN status
- 1 x SIM slot

I/O Interface-Rear

- 1 x DC-in
- 1 x Power button
- 2 x USB 3.0
- 1 x RJ45 type console port
- 4 x Copper ports
- 2 x Fiber ports for DTA1162B/2 x copper ports for DTA1162A
- 1 x Reset button
- 3 x SMA connector holes for RF cable

Storage Device

- 1 x on-board eMMC flash 8GB
- 1 x M.2 2242 M-key socket (SATA)

Power Input

- DC 12V/3.33A 40W power adaptor

Dimensions

- Chassis dimension (mm): 225 x 150 x 44
- Carton dimension (mm): 268 x 223 x 170

Weight

- Without packing: 1.5kg
- With packing: 2.5kg

Environment

- Operating temperatures: 0°C~40°C
- Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% non-condensing

Certifications

- CE Approval
- FCC Class B
- UL

Ordering Information

Barebone

- **DTA 1162A (P/N: 10TA0116201X0)**
Intel Devnerton SoC Atom® C3338, BGA type 2 cores 1.5GHz
- **DTA 1162B (P/N: 10TA0116200X0)**
Intel Devnerton SoC Atom® C3558, BGA type 4 cores 2.2GHz