

DTA 1164W Series

Network Function Virtualization and Software-Defined Appliance
with Intel Atom® SOC C3000R



- 4G LTE Module
- 5G Module
- Wi-Fi
- PoE+

Main Features

- Intel Atom® processor C3000R series SoC, BGA type
- DDR4-2400 ECC memory SO-DIMM, up to 16GB
- 6 x 1GbE RJ45 + 2 x SFP ports (reserve design to support 8 x 1GbE RJ45)
- Two ports with PoE+, supports up to 30W (802.3at)
- M.2 SATA 2242 Key M
- M.2 3042/3052 for 4G LTE and 5G (FR1)
- mini-PCIe slot for Wi-Fi 5 and 6
- Supports Intel® QAT
- Supports 5G NR NSA/SA network

Product Overview

The desktop uCPE DTA 1164W helps small and medium enterprises build a securely connected workplace. Based on Intel's Atom® C3000R processor, the DTA 1164W packs excellent performance per watt and PoE+ functionality, all in a small form factor. This compact network appliance is perfect for cloud native deployments, while its flexible, multiple configuration easily adapts to today's dynamic IT environments.

Specifications

Main Board

- Intel Atom® processor C3436L, BGA type, 4 cores, 1.30 GHz
- Supports Intel® QAT

Main Memory

- 1 x DDR4-2400 SO-DIMM ECC, up to 16GB

Storage

- 1 x M.2 2242 Key M SATA

LAN Features

- 6 x 1GbE RJ45 + 2 x SFP ports (reserve design to support 8 x 1GbE RJ45)
- Support 10/100/1000 link speed

Interface External

- SW1/SW2/power/SSD LEDs
- Ethernet LED: active/link speed
- 1 x USB 3.0 (support software power control)
- 1 x SIM slot
- 2 x DC-in (12V for system, 54V for PoE)
- 1 x Power button
- 1 x RJ45 console + 1 x USB 3.0 port
- 1 x Reset button
- 2 x Antenna holes for Wi-Fi 5 or 6
- 2 x Antenna holes on each chassis side for 5G/4GLTE support (4 x total)
- 6 x 1GbE RJ45 + 2 x SFP ports
 - Two ports with PoE+, supports up to 30W (802.3at)
 - Two SFP ports can optionally serve as RJ45 ports

Interface-Internal

- mini-PCIe slot for Wi-Fi 5/6 module
- M.2 3042/3052 for 4G LTE/5G (FR1) module
- 1 x M.2 2242 storage socket
- 1 x TPM header

Power

- 65W 12V AC power adapter (DTA 1164W/1164WA)

- 36W 12V AC power adapter (DTA 1164W-LITE/1164WA-LITE)
- 72W 54V PoE power adapter (optional)

Dimension and Weight

- Chassis dimension (mm): 225mm x 150mm x 44mm (W x D x H)
- Package dimension (mm): 343 x 258 x 212 (W x D x H)
- Without packing: 1.5kg
- With packing: 2.5kg

Environment

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

Certification

- CE/FCC class B

Ordering Information

- **DTA 1164W (P/N: 10TA0116408X0)**
Intel Atom® processor C3436L, BGA type, 4 cores, 1.30 GHz, 6 x 1GbE RJ45+2 x SFP ports, 65W power adapter
- **DTA 1164WA (P/N: 10TA0116404X0)**
Intel Atom® processor C3436L, BGA type, 4 cores, 1.30 GHz, 8 x 1GbE RJ45, 65W power adapter
- **DTA 1164W-LITE (P/N: 10TA0116411X0)**
Intel Atom® processor C3436L, BGA type, 4 cores, 1.30 GHz, 6 x 1GbE RJ45 + 2 x SFP ports, 36W power adapter
- **DTA 1164WA-LITE (P/N: 10TA0116412X0)**
Intel Atom® processor C3436L, BGA type, 4 cores, 1.30 GHz, 8 x 1GbE RJ45, 36W power adapter

* LITE SKUs are available without any add-on modules, with only 1 x LTE or 1 x Wi-Fi module option.

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Desktop Platform

We reserve the right to change specifications and product descriptions at any time without prior notice.

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