



Main Features

- Intel Atom® C3000 SoC 8~16 cores, BGA type
- Quick assist: up to 20Gbps crypto
- Virtualization: Intel® VT-x, Intel® VT-d, SR-IOV, VMDq
- DDR4-2400 ECC or non-ECC UDIMM, max.64GB
- Support 2 x 10GbE SFP+ ports and 6 x 1GbE LAN ports
- Internal one 2.5" SSD bay, on-board eMMC 5.0
- 2 x USB 3.0 connector
- TPM 1.2/2.0 supported

Specifications

Main Board

- vDNB 1160
- Intel Atom® C3000 series, BGA type

Main Memory

- 4 x DDR4-2400 ECC or non-ECC DIMM socket; max.64GB

LAN Features

- 2 x 10GbE SFP+ port
- 4 x 1GbE RJ45 copper ports: from Intel® i350 -AM4
- 2 x 1GbE RJ45 copper ports: from Marvell PHY

Storage

- 1 x 2.5" SATA HDD/SSD bay (internal)
- 1 x SATA connector (for SATA DOM)
- 1 x M.2 2242 SSD socket (SATA & NVMe)

Expansion

- Proprietary PCIe socket supporting LTE module, WAN/LAN IO module
- 1 x M.2 2230 slot for Wi-Fi module (E key)

I/O Interface-Front

- 2 x USB 3.0 ports (5V/1A)
- 1 x RJ45 type console port
- 2 x SFP+ ports
- 6 x Copper ports
- 1 x Power button; 1 x Reset button
- 1 x 4 green LED indicators: power status/HDD status/system status/user define (all LEDs are programmable)
- DC jack with lock (12V/5A)

I/O Interface-Rear

- 3 x SMA connector holes for RF cable

Power Input

- 60W power adaptor

Dimensions

- Chassis dimension: 220 x 241 x 44 (mm)
- Carton dimension: 421 x 291 x 160 (mm)

Weight

- Without packing: 1.9kg
- With packing: 3.2kg

Certifications

- CE approval
- FCC Class B
- UL

Ordering Information

Barebone

- **vDNA 1160 (P/N: 10L00116003X0)**

Intel Atom® C3758 base, 8 cores, BGA type, 4 DDR4 memory slots, 6 copper LAN ports, 2 x SFP+ fiber ports, 2 x USB 3.0 ports, 2.5" SSD bay