



Atom C3000-series Based Network Appliance

Intel® Atom C3000-series Based Network Appliance

Product Description

Silicom's Nano Network Appliance Based on Intel® Atom C3000-series family is a low-cost edge device for OEMs taking SD-WAN, NFV-enabled CPE, security, small cell, or other edge products to market.

Key Features

- SoC. 2-4 core (fanless), 8-16 core (with fan cooling)
- Nano-ITX Form Factor (120x120mm)
- 4x Intel 1Gb Ethernet, 2x M.2 Cards (1x Cellular or SSD, 1x Wi-Fi/BT), eMMC onboard SSD, 1x USB3, Console
- Optional 2x SATA, TPM
- 1GB, 2GB, 4GB, and 8GB DDR4 Options (ECC optional)
- Board only and Desktop appliance



Technical Specifications

General Technical Specifications	
CPU	– 2 to 16 cores, Frequencies from 1.5 Ghz to 2.2 Ghz
Ethernet	– Up to 4x 1 GbE ports (RJ-45) – M.2 Wi-Fi/BT radio card slot
WWAN	– M.2 cellular radio card slot
Storage	– eMMC onboard SSD options for 4, 8, 16, 32, 64 GB densities – WWAN M.2 slot supports SATA 3.0 SSD cards – Optional 2x offboard SATA 3.0 ports
I/O Connectors	– 1x USB 3.0 port – 1x micro-USB console port
Certifications	Emissions and immunity European standards EN55022, EN 61000-3-3, EN 61000-3-2, EN55024 CISPR 22 FCC Part 15 subpart B Safety IEC 60950 CE Mark (covered by above certifications) RoHS-6 (Pb-free) and REACH compliant

Order Information

P/N	Description
80500-0138-G02	<ul style="list-style-type: none">– C3338 CPU (1.50 GHz) 2-core, 4 MB cache– Memory: 4 GB DDR4-1866– 4x 1 GbE– 32 GB eMMC SSD– Fanless operation 0 to +40 C
Other SKUs	Custom options available upon request