



RCC Network Board

Intel® Atom C2000 x86 Network Board with 4 RJ45 GbE and 2 SFP+ 10GbE Ports

Product Description

- Intel Atom C2000 Board for NFV Edge, CPE, Wireless
- Mini-ITX Form Factor (170x170mm)
- 2x 10Gb Ethernet, 4x 1Gb Ethernet
- PCIe
- SATA
- High-performance, Low Power



Technical Specifications

General Technical Specifications	
Form Factor	Mini-ITX 170x170mm
CPU	Intel® Atom™ C2758 (8x 2.4 GHz, 2MB cache, 20W, QuickAssist, AES-NI)
DRAM	8GB or 16GB DDR3L 1600 MT/s with ECC, Dual channel. One channel memory down, one channel SO-DIMM
Ethernet	4x 1Gb Ethernet RJ45 via Intel i354 on-chip ; 1 port configurable RJ45 or SFP 2x 10Gb Ethernet SFP+ via Intel 82599 Niantic
Storage	SATA2 mSATA slot for expansion
I/O Connectors	USB 2.0 host (2x) Up to 2x SATA3 Up to 3x SATA2 PCI Express Gen2 x8 slot
Console	Serial over Mini-USB
Management	Actel SmartFusion with telemetry over USB

Boot Loader	AMI Aptio BIOS or CoreBoot / SeaBIOS
Power	ATX power connector 20W max for board only, 40W including max peripheral power
Temperature	Fanless operating temperature: 0-65C (2-core), 0-45C (4-core) Fansink required for 8-core CPUs Storage: -20-85C
Certifications	FCC Part 15 Class B CE Class B IC Class A IEC-60950 RoHS/WEEE

Order Information

P/N	Description
80300-0093-G01	<ul style="list-style-type: none"> - C2758 CPU (8x 2.4 GHz + QuickAssist, AES-NI) - 8GB DDR3L with ECC - 4x Gb Ethernet RJ-45 + 2x 10Gb Ethernet SFP+ - Mini-USB console - PCIe Gen 2 x8 expansion slot - 2x SATA3 - 2x USB 2.0 host - Fan controller - ATX power input