



### RCC-DFF Network Board

#### Intel® Atom C2000 x86 Network Board with 2 RJ45 GbE Ports

#### Product Description

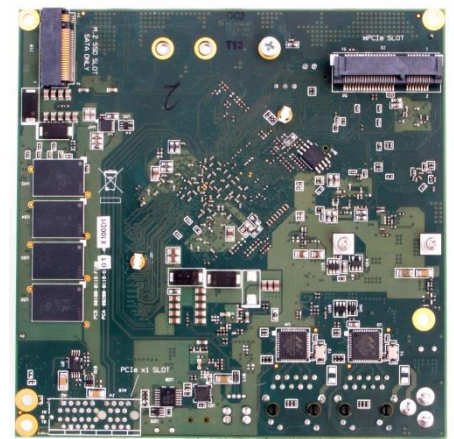
Silicom's RCC-DFF is a low cost Nano-IXT edge device based on the Intel Atom C2000 for OEMs taking NFV-enabled CPE, security, small cell, or other edge products to market.

With the support of the Intel Edge Cloud SDK, RCC-DFF offers a comprehensive environment for rapid development of innovative virtualized applications and services at the network edge with reduced time to market.



#### Key Features

- Intel Atom C2000 Board for NFV Edge, CPE, Wireless
- Nano-ITX Form Factor (120x120mm)
- 2x Intel 1Gb Ethernet
- mPCIe
- M.2
- mSATA
- eMMC flash storage on board
- Robust and Low Cost, Rapid OEM Customization



#### Technical Specifications

General Technical Specifications	
Form Factor	Nano-ITX 120x120mm
CPU	Intel® Atom™ C2338 (2x 1.7 GHz, 1MB cache, 7W, AES-NI) Intel® Atom™ C2358 (2x 1.7 GHz, 2MB cache, 7W, QuickAssist, AES-NI) Intel® Atom™ C2558 (4x 2.4 GHz, 2MB cache, 15W, QuickAssist, AES-NI)
DRAM	1GB, 2GB or 4GB DDR3L up to 1600MT/s, Memory down (non expandable)
Ethernet	2x 1Gb Ethernet RJ45 ports: Intel i354 on-chip
Storage	eMMC on-board: 4, 8, 16, 32, or 64GB mSATA slot for expansion 1x M.2 slot, Key M SATA only, 2230, 2242, 2260 lengths supported
I/O Connectors	USB 2.0 host (1x) MiniPCI Express full-length (with micro-SIM slot)
Console	Serial over Mini-USB
Boot Loader	CoreBoot / SeaBIOS
Power	12VDC via 2.5mm coaxial plug 6W for board only, 20W including max peripheral power
Temperature	Fanless operating temperature: 0-65C
Storage	-20-85C

<b>Certifications</b>	FCC Part 15 Class B CE Class B IEC-60950 RoHS/WEEE
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## Order Information

<b>P/N</b>	<b>Description</b>
<b>80300-0118-G00</b>	<ul style="list-style-type: none"> <li>- C2338 CPU (2x 1.7 GHz, AES-NI)</li> <li>- 2GB DDR3L</li> <li>- 2x Intel Gb Ethernet RJ45</li> <li>- 1x mPCIe</li> <li>- 4GB eMMC</li> <li>- Mini-USB console</li> <li>- 1x mSATA</li> <li>- 1x M.2</li> <li>- 1x USB 2.0 host</li> </ul>