

Network Security & Management

CAD-0230

Intel Rangeley Platform
based Desktop Network Appliance



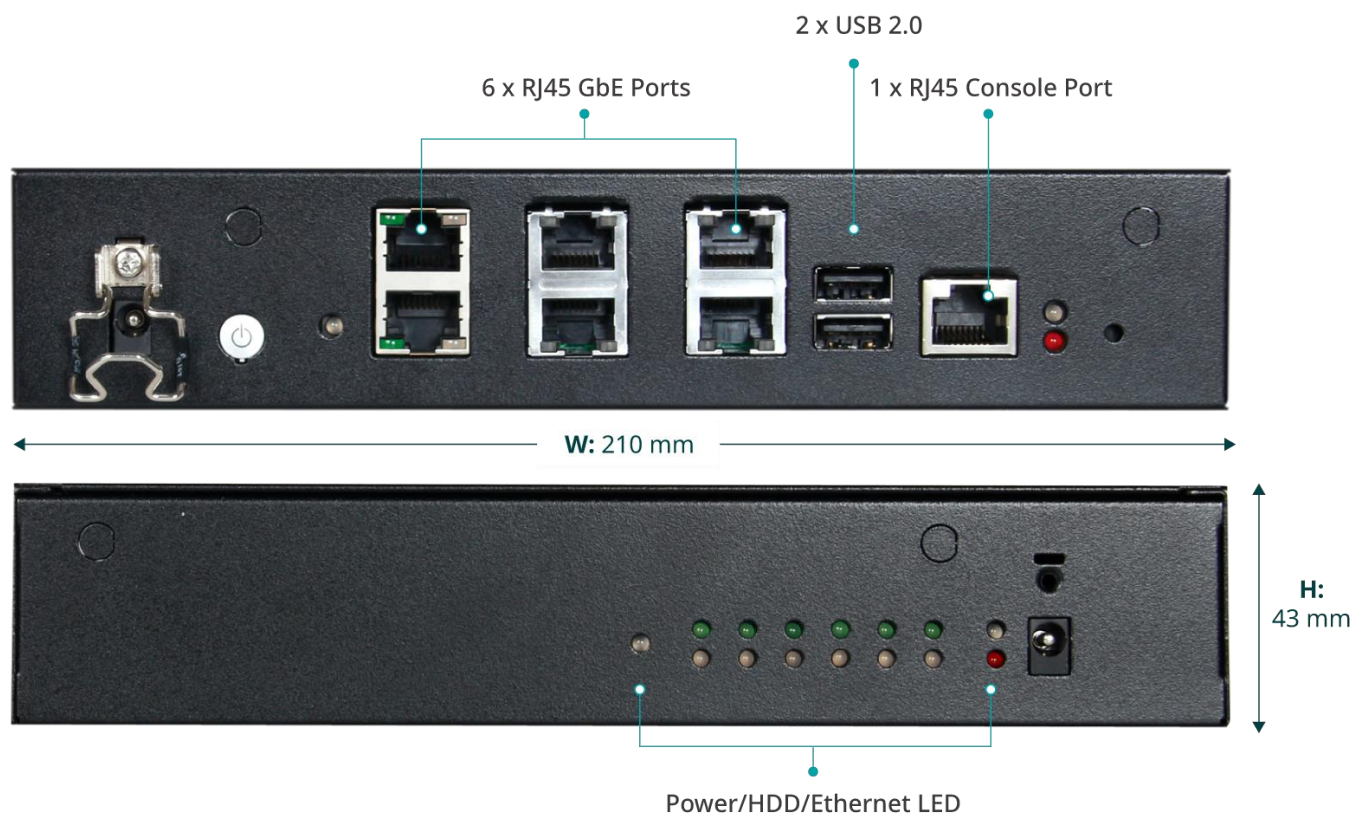
Key Features

- Intel Atom C2000 Series
- Intel QAT Support (Crypto Acceleration)
- Desktop Appliance with 6x Ethernet GbE Ports
- DDR3L Memory
- 1x mPCIe Socket Support
- TPM (Trust Platform Module) Support

Desktop Appliance with Intel Atom Rangeley

Targeting thermally constrained networking and communication systems, this SOC design extends 64-bit multi-core Intel® processors into thermal envelopes as low as 7 watts and integrated Intel®QAT providing up to 10 Gbps of cryptographic acceleration.





Hardware Specification

Platform	
Processor	Intel Atom Processor C2000 product family (Rangeley)
System Memory	2 x DDR3L 1600/1333MHz SODIMMs, up to 16GB
Ethernet Port	Up to 6 x RJ45 GbE Ports
Bypass	1 segment
Expansion	1 x Mini-PCIe slot
Storage Device	1 x 2.5" SATA/SAS HDD 1 x CF Socket
Power Supply	40W Adapter
Dimension (WxDxH)	210mm x 210mm x 43mm (8.27" x 8.27" x 1.65")
I/O	
Serial Port	1 x RJ-45 System Console Port
USB Port	2 x USB 2.0 Ports
LED	Power / HDD / Ethernet / Bypass
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F) Humidity: 10 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F) Humidity: 5 - 95% RH @ 55°C
Certification	CE/FCC/UL
OS Support	Linux Kernel