

NCA-1210

Compact x86 Desktop Network Appliance with Intel Atom C2000 SoC CPU



■ Features

- Intel Atom C2358/2558 CPU with built-in Intel QuickAssist technology
- 4x GbE RJ45, 1x RJ45 console, 2x USB and 4x antenna holes
- Supports up to 16GB DDR3 memory
- Marvell 88E1543 Quad PHY
- Supports Gen.3 LAN bypass function (SKU A/C)
- Dual Mini-PCIe Slots with SIM card support
- Supports smart fan control (NCA-1210A)
- Optional rack mounting kit

■ Specifications

Processor System

CPU	2/4-core Intel® Atom™ processor C2358/C2558 (Codenamed "Rangeley")
Frequency	Depending on CPU
Core Number	C2358: 2 cores, C2558: 4 cores
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Memory

Technology	DDR3 1333 or 1600 MHz, 1.5 V, Non-ECC
Max. Capacity	16 GB
Socket	1 x 204-pin SODIMM

Ethernet

Controller	Intel SoC Integrated with Marvell 88E1543 PHY
Speed	10/100/1000 Mbps
Interface	RJ-45
Bypass	1 pair Gen.3 (NCA-1210A/C)

Storage

Type	SATA
Installation	1 x optional 2.5" drive bay (HDD/SSD is not included) or SATA DOM

I/O

Reset Button	1
Console	1 x RJ45
USB	2 x type A
IPMI	N/A
Management port	N/A

Expansion

PCIe	2x MINI-PCIe with SIM slot
Antenna Hole	4 x Antenna Holes

Cooling

Processor	Passive CPU heatsink
System	1 x cooling fan

Environment

Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5~90%, non-condensing / 5~95%, non-condensing

Miscellaneous

LCD Module	N/A
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	185.4 x 44 x 137.1 mm
Weight	1 kg
Mounting	Support optional rack mounting kit

Power

Type / Watts	36W Power Adapter,
Input	100~240 V @50~60 Hz

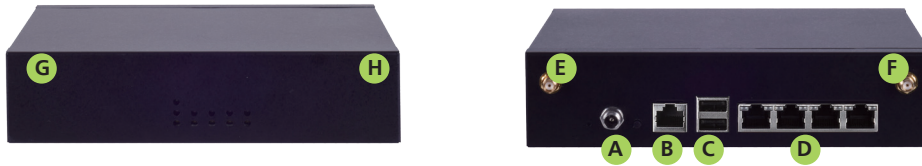
Driver Support

Microsoft Windows	Windows 7/8
Linux	Linux Kernel 2.6 or above

Certification

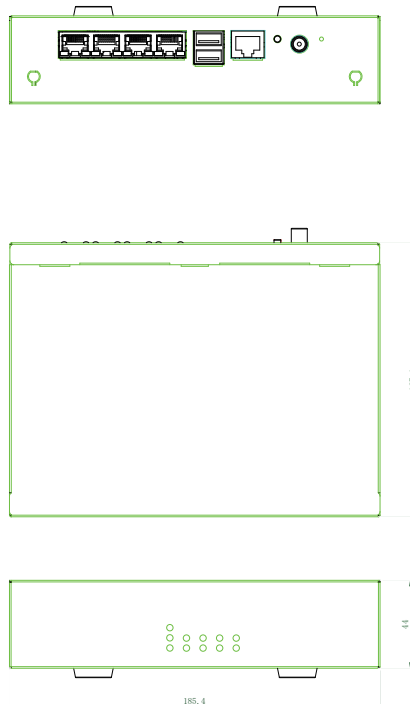
EMC	CE Class B, FCC Class B
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■ Product I/O View



- A** DC Jack with Lock
- B** Console Port
- C** USB Ports x 2
- D** GbE LAN Ports x 4
- E** Antenna Hole
- F** Antenna Hole
- G** Antenna Hole
- H** Antenna Hole

■ Dimensions (WxHxD): 185.4 x 44 x 137.1 mm



■ Ordering Information

NCA-1210A	Network Security Appliance with Intel® Atom™ processor C2558, 1x DDR3 SODIMM slot, 1x RJ45 Console, 2x USB, 2x Mini PCI-E, 4x Gbe RJ45 with 1 pair bypass, optional 1x 2.5" HDD support / SATA DOM
NCA-1210B	Network Security Appliance with Intel® Atom™ processor C2358, 1x DDR3 SODIMM slot, 1x RJ45 Console, 2x USB, 2x Mini PCI-E, 4x Gbe RJ45 without bypass, optional 1x 2.5" HDD support / SATA DOM
NCA-1210C	Network Security Appliance with Intel® Atom™ processor C2358, 1x DDR3 SODIMM slot, 1x RJ45 Console, 2x USB, 2x Mini PCI-E, 4x Gbe RJ45 with 1 pair bypass, optional 1x 2.5" HDD support / SATA DOM

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