NCI-200

Fanless x86 Desktop Network Appliance with Wide Operating Temperature



Features

- Intel® Atom™ processor C2308/2508 (Codenamed "Rangeley")
- Onboard 4 x GbE RJ45, 2 x GbE SFP (SKU A)
- Support Intel QuickAssist crypto acceleration
- Wide operating temperature -20~55°C
- Support 2 Pairs of Gen.3 Bypass
- 1.5KV magnetic isolation protection
- 4KV ESD Protection

Specifications

Processor System	
CPU	Intel® Atom™ processor C2308 or C2508 (Codenamed "Rangeley")
Frequency	1.25 GHz
Core Number	Dual or Quad-core
BIOS	AMI SPI Flash BIOS
Chipset	SoC
Memory	
Technology	Single Channel DDR3 1333 MHz, 1.5 V, ECC
Max. Capacity	8 GB
Socket	1 x 204-pin SODIMM
Ethernet	
Controller	4 x Intel 1 GbE with Marvell PHY
Speed	10/100/1000 Mbps
Interface	4 x RJ-45, 2 x SFP (SKU A)
Bypass	2 pairs Gen.3
Security Acceleration	QuickAssist On CPU
Magnetic Isolation Protection	1.5 KV Built-in
ESD Protection	4KV for all signals contacted
Storage	
SATA	SATA 2.0
Installation	Optional 2.5" SSD bay (SSD excluded)
mSATA	1
I/O	
Reset Button	1
Serial	1 x DB-9 for serial management + 1 optional DB-9
USB	2 x type A
Management port	N/A

Expansion	
PCIe	PCIe x1 (Internal)
PCI	N/A
Cooling	
Processor	Passive CPU heatsink
System	Fanless design with corrugated aluminum
Environment	
Operating Temperature	-20 ~ 55°C
Storage Temperature	-40 ~ 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	
Fanless	Yes
Dimension (W x H x D)	230 x 65 x 170 mm
Weight	2 kg
Mounting	Optional Rack mounting kit support
Power	
Type / Watts	Phoenix contact 4-pin connector with lock
Input	12~48 Vdc (adaptor excluded)
Driver Support	
Microsoft Windows	N/A
Linux	Linux Kernel 2.6 or above

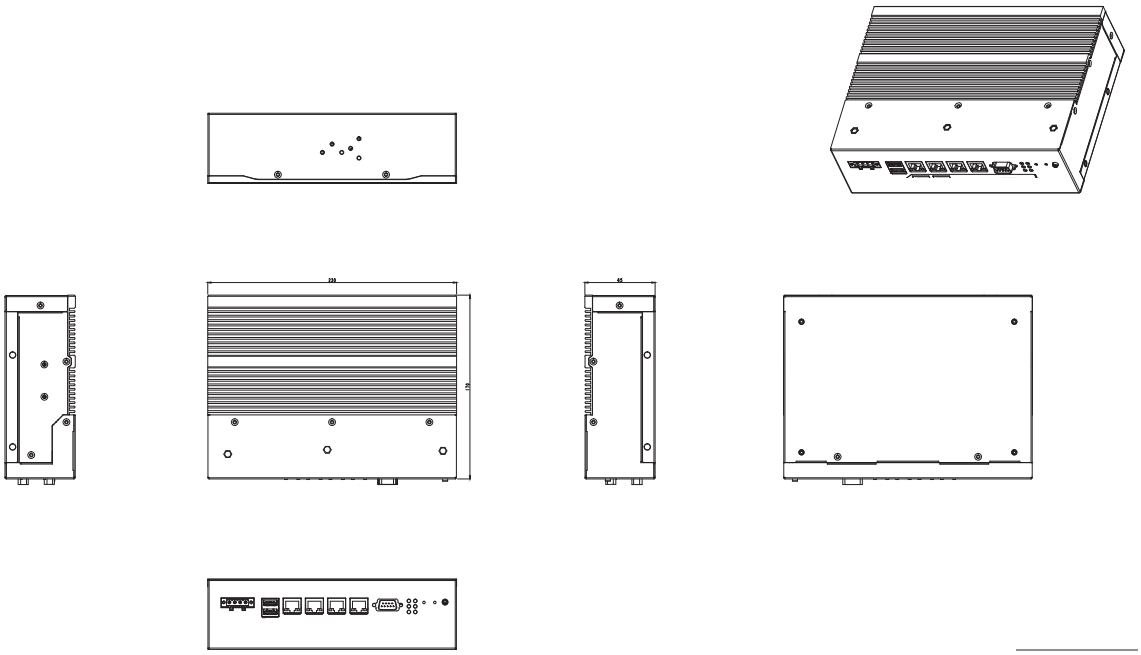
Product I/O View





- A On/Off Switch
- B DC Jack with Lock
- C Serial Port
- D DIN Rail Mount Hole
- E Status LEDs
- F USB Ports x 2
- G GbE LAN Ports x 4
- H Reset Button

Dimensions 230 x 65 x 170 mm



Ordering Information

NCI-200A	Fanless x86 Desktop Network Appliance with Wide Operating Temperature and Intel® Atom™ processor C2508 (Code-named "Rangeley"), 4 x GbE LAN ports, 2 x SFP ports with Gen.3 Bypass
NCI-200B	Fanless x86 Desktop Network Appliance with Wide Operating Temperature and Intel® Atom™ processor C2308 (Code-named "Rangeley"), 4 x GbE LAN ports with Gen.3 Bypass
Power Adaptor	Power adaptor Kit 24V 90W Phoenix Head
SSD kit	2.5" SSD bay

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