

NCA-1031

Desktop Fanless x86 Network Appliance with Intel® Atom™ N4200/N3350 Processor (Code-named Apollo Lake)



Images are for reference only. See ordering information for SKU details.

■ Features

- Fanless Desktop Form Factor
- Intel® Atom™ N4200/N3350 CPU
- 6x GbE RJ45 (By SKU), 2x USB 3.0, 1x RJ45 Console Port
- 2x Pairs of Gen3 Bypass (By SKU)
- Max. 8GB DDR3L 1866MHz UDIMM
- 1x Mini-PCIe Socket (PCIe/USB2.0)

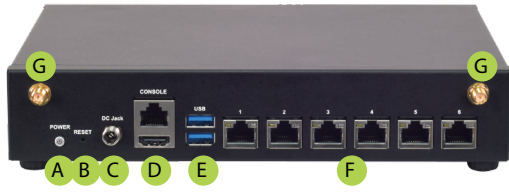
■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom™ N4200/N3350
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR3L 1866MHz UDIMM
Max. Capacity	8 GB
Socket	1x 204-pin SODIMM
Networking	
Ethernet Ports	6x GbE RJ45 Intel® i211 (By SKU)
Bypass	2x Pairs of Gen 3 (by SKU)
NIC Module Slot	N/A
LOM	
IO Interface	N/A
OPMA Slot	N/A
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1x RJ45
USB	2x USB 3.0
LCD Module	N/A
Display	1x HDMI
Power Input	1x DC Jack
Storage	
HDD/SSD Support	1x 2.5" Bay - SSD Only (Optional)

Onboard Slots	1x mSATA 1x SD Card Socket
Expansion	
PCIe	N/A
mini-PCIe	1x Mini-PCIe (PCIe/USB2.0)
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes
Cooling	
Processor	Passive CPU Heatsink
System	Fanless 1x Cooling Fan (By Configuration)
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxHxD)	230 x 44 x 170 mm
Weight	1.2 kg
Package Dimensions	
(WxHxD)	518 x 264 x 391 mm
Weight	10 kg (4 in 1)
Power	
Type / Watts	12V 3A 36W Power Adapter
Input	AC 100~240V @50~60Hz
Certification	
Approvals and Compliance	RoHS

Product I/O View

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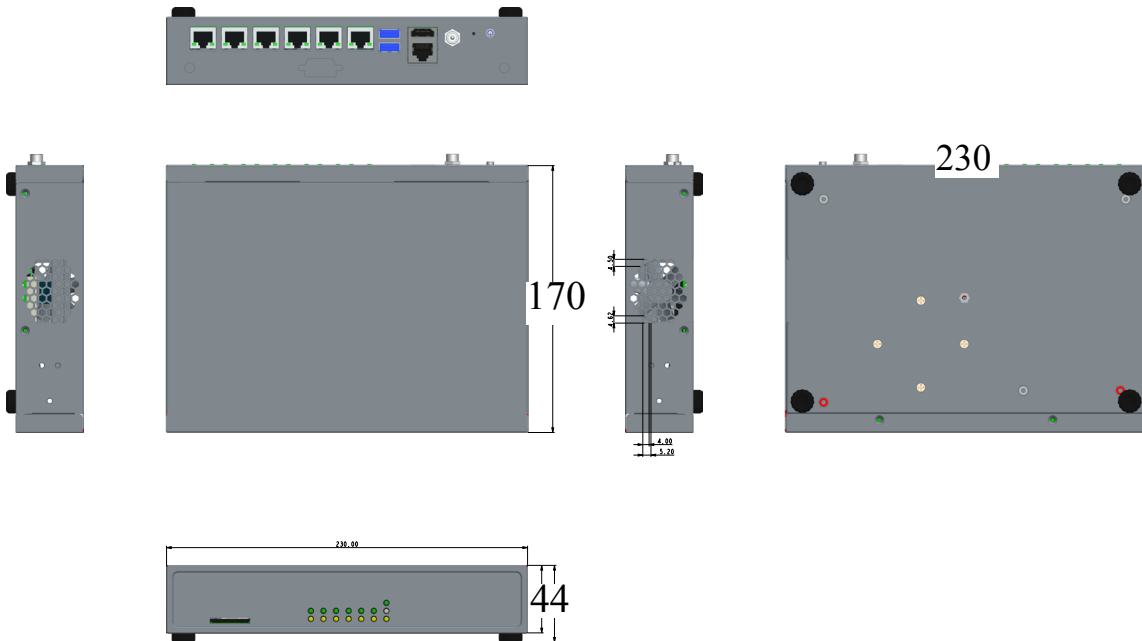


- A On/Off
- B Reset
- C DC Jack

- D Console & HDMI
- E 2x USB
- F 6x GbE RJ45

- G Antenna Holes
- H SD Card Reader

Dimensions (WxHxD): 230 x 44 x 170 mm



Ordering Information

- NCA-1031D Apollo Lake N4200, 5x RJ45 (i211), 2 Pairs of Bypass, Mini-PCIe with PCIe/USB Signal
- NCA-1031E Apollo Lake N3350, 6x RJ45 (i211), Mini-PCIe with USB Signal

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