

NCA-1252

Desktop Network Security Appliance With
Intel® Amston Lake



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

Features

- Intel® Atom X7809C/X7405C/X7835RE
- DDR4 3200MHz, SODIMM, Max. 32GB, Onboard EMMC 64GB (SKU A)
- 2x 2.5G RJ-45, 4x 1GbE RJ-45, 2x 10GbE SFP+ (By SKU)
1x Pair Gen3 Bypass (SKU A/C), 1x RJ45 Console, 1x USB 3.2
- 1x M.2 SATAIII 2280 B Key, 2x M.2 3042/3052 B Key, M.2 2230 E Key,
3x Nano SIM Slots

Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® X7809C/X7405C/X7835RE
CPU Socket	FCBGA1264
Chipset	SoC
Security Acceleration	N/A
BIOS	AMI SPI BIOS
System Memory	
Technology	DDR4 3200MHz SODIMM
Max. Capacity	32GB
Socket	1 x 262-pin SODIMM
Networking	
Ethernet Ports	Please See SKU List
Bypass	1 x Pair Gen3SE (SKU A/C)
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	1 x RJ45
USB	1 x USB 3.2 Gen1
LCD Module	N/A
Display	1 x DP (SKU C)
Power Input	1 x DC Jack With Lock
Storage	
HDD/SSD Support	EMMC 64GB (SKU A)
Onboard Slots	1 x M.2 SATAIII 2280 B Key
Expansion	
PCIe	1 x PCIe*4 Gen3 Board To Edge Connector For IO-12521A (SKU A), IO-12522A (SKU C)

Mini-PCIe/M.2/SIM	2 x M.2 3042/3052 B Key For 5G/LTE 1 x M.2 2230 E Key 3 x Nano SIM Slots
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	1 x Smart Fan
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	10~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	275 x 202 x 44 mm
Weight	1.8 kg
Package Dimensions	
(WxDxH)	412 x 291 x 135 mm
Weight	3.5 kg
Power	
Type / Watts	12V/ 60W Adapter
Input	AC 110~240V@50~60Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class B, UL, UKCA

Product I/O View

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|--|-----------------------|--------------------|
| A 2x 10G SFP+ Or 2x 10G RJ45 (By SKU) | D Console | G Reset |
| B 4x 1G RJ45 Or 2x 1G SFP & 2x 1G RJ45 (By SKU) | E USB | H DC Jack |
| C 2x 2.5G RJ45 | F Power On/Off | I SIM Cover |

Dimensions (WxDxH): 275 x 202 x 44 mm

Ordering Information

NCA-1252A	Intel Atom X7809C 8C, 2x 2.5GbE RJ45 With Gen3SE Bypass, 4x GbE RJ45, 2x 10GbE SFP+, Support For 32GB DDR4 SODIMM, Onboard 64GB eMMC
NCA-1252B	Intel Atom X7405C 4C, 2x 2.5GbE RJ45, 2x GbE RJ45, 2x GbE SFP, Support For 32GB DDR4 SODIMM
NCA-1252C	Intel Atom X7835RE 8C, 2x 2.5GbE RJ45 With Gen3SE Bypass, 4x GbE RJ-45, 2x 10GbE RJ45, Support For 32GB DDR4 SODIMM, 1x DP