

# NC-C362-DA

**Desktop Network Appliance with Intel Denverton Atom C3336 C3558 C3758 CPU, 6 LAN 2 SFP+, Mini PCIe, M.2 2230, M.2 2280, M.2 3052 Slot**



## Feature:

- Intel® Denverton Atom C3336 1.5GHz dual-core processor/C3558 2.2GHz 4-core processor/C3758 2.2GHz 8-core processor
- Support 6 x GbE LAN and 2 x 10GbE SFP+
- Support max 64GB DDR4 RAM, 2 x SODIMM
- 1 x Mini PCIe
- 1 x M.2 2280/22110 support SSD
- 2 x Mini SAS sockets
- 1 x M.2 Key A 2230 support WIFI
- 1 x M.2 Key B 3042/3052 support 4G/5G module
- 1 x External SIM expansion slot
- 2 x USB, 1x VGA display
- Mini desktop model

## Overview:

The NC-C362-D, powered by Intel® formerly Denverton AtomC3000 series processors, is a desktop server designed for entry-level network security, gateway, vCPE or SD-WAN.

## Specification:

### NC-C362-D

Model No.		NC-C362-D
Form Factor		Desktop
Platform	Processor Options	Intel Denverton Atom C3336 1.5GHz dual-core processor Intel Denverton Atom C3558 2.2GHz 4-core processor, Intel Denverton Atom C3758 2.2GHz 8-core processor

	CPU Socket	Onboard
	Chipset	SoC
	OS Support	Windows Server, Linux/Centos
BIOS		AMI BIOS
System Memory	Technology	DDR4
	Max. Capacity	64GB
	Socket	2 x SODIMM
Networking	Ethernet Ports	6 x Intel i211AT Gigabit network card(Optional support Bypass function) 2 x SFP+ Optical port(C3758/C3558 support, C3336 doesn't support)
Storage	M.2	1 x M.2 2280/22110
	eMMC	32G/64G eMMC(Optional onboard)
	mSATA	1 x Mini PCIe
	Mini SAS	2 x Mini SAS
	HDD/SSD Support	1 x 2.5" bays
I/O Interface	LED	Power LED x 1 HDD Active x 1 WiFi LED x 1 LTE LED x 3 GPIO LED x 1 LAN LED x 6 Warning LED x 1 Cloud LED x 1
	Power Button	1 x Power Button
	Console	1 x RJ45 Console
	USB	2 x USB 2.0 1 x USB 3.0
	Reset Button	1 x Reset Button
	Display	1 x VGA
	Power Input	2 x 12V DC IN redundant power supply
Expansion	PCIe X1	1 x PCIe x1 slot
	1 x Mini PCIe	1 x Mini PCIe slot
	M.2	1 x M.2 Key A 2230 support WIFI 1 x M.2 Key B 3042/3052 support 4G/5G module
	USB	2 x USB 2.0 Pin
Miscellaneous	Watchdog	Yes
	Internal RTC with Li Battery	Yes
	TPM	-
Cooling	Processor	1 x CPU fan
	System	1x Cooling fan
Environmental Parameters	Temperature	-10℃~60℃(Operating)/ -20℃~70℃(Storage)
	Humidity	5 ~ 90% Non condensing
System Dimensions	(WxHxD)	235x45x185mm
	Weight	1.35kg
Package Dimensions	(WxHxD)	285x160x260mm



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	Weight	2.1kg
Power	Type/Watts	60W Desktop adapter
	Input	90~264V@47~63Hz
Approvals and Compliance		CE, FCC, RoHS

## HSIO Lane Bifurcation

HSIO lanes can be bifurcated by BIOS, below chart shows how HSIO lanes are allocated by default between different sockets and slots. Customer can request to allocate in a different way at ordering, as long as the lane quantity is within the maximum lane quantity, that is 10 for C3336, 12 for C3558 and 20 for C3758.

			C3336 Default(10 lanes)	C3558 Default(12 lanes)	C3758 Default(20 lanes)
Lane 0	PCIE Function	Lan1-B	√	√	√
Lane 1	Lane Disabled	NC			
Lane 2	PCIE Function	Lan1-A	√	√	√
Lane 3	Lane Disabled	NC			
Lane 4	PCIE Function	Lan2-B	√	√	√
Lane 5	SATA Function	SAS1-P1/M.2 SATA		√(default to M.2)	√(default to M.2)
Lane 6	PCIE Function	Lan2-A	√	√	√
Lane 7	Lane Disabled	SAS1-P2			√
Lane 8	PCIE Function	Lan3-A	√	√	√
Lane 9	SATA Function	SAS1-P3			√
Lane 10	PCIE Function	VGA/mini_PCIE_WIFI/PCIE X1 slot		√ (default to PCIe X1)	√ (default to PCIe X1)
Lane 11	SATA Function	SAS1-P4			√
Lane 12	PCIE Function	Lan3-B	√	√	√
Lane 13	Lane Disabled	NC			
Lane 14	PCIE Function	WIFI	√	√	√
Lane 15	Lane Disabled	NC			
Lane 16	XHCI Function	Rear usb 3.0	√	√	√
Lane 17	XHCI Function	5G-usb 3.0 signal	√	√	√
Lane 18	SATA Function	SAS2-P3/MSATA	√(default to MSATA)	√default to MSATA)	√(default to MSATA)
Lane 19	SATA Function	SAS2-P4			√

## Order Information:

	RJ45	SFP	M.2 2230 (For WIFI)	M.2 3052 (5G/4G)	M.2 2280/110 (SATA)	USB 3.0	SAS	VGA chip	VGA&MINI PCIE&PCIE
C3336	6 x GbE	-	1	1	1	1	-	-	Choose 1 from 3 (use channels from other HSIOs)
C3558	6 x GbE	2 x 10G	1	1	1	1	3	-	Choose 1 from 3
C3758	6 x GbE	2 x 10G	1	1	1	1	6	1 x AST2510	Choose 1 from 3

## Packing List

1	2 x Rackmount ear(Optional)
2	1 x Desktop adapter
3	1 x Screw bag
4	1 x Power cord
5	1 x SATA power cable

## Optional Accessories

1	Power cord 3P 180cm, USA
2	Power cord 3P 180cm, Europe
3	Power cord 3P 180cm, UK
4	Power cord 3P 180cm, Japan
5	Power cord 3P 180cm, India

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