

NHP-D610

Desktop Network Appliance with Intel Atom C3000 Series 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 PCIe/SATA signal SSD 2 x Mini SAS(optional)
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 NHP-D610 is powered by Intel® formerly Denverton AtomC3000 series processors, is a desktop server designed for entry-level network security, gateway, vCPE or SD-WAN.

Model No.		NHP-D610
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 (support SATA signal SSD, SATA signal is alternative to Mini PCies)
	eMMC	32G/64G eMMC(Optional onboard)
	mSATA	1 x Mini PCIe(SATA signal is alternative to M.2 2280/22110)
	Mini SAS	2 x Mini SAS(Optional)
I/O Interface	LED	Power LED x 1(Front) HDD Active x 1(Front) WiFi LED x 1(Front) LTE LED x 3(Front) GPIO LED x 1(Front) Power LED x 1(Rear) HDD Active x 1(Rear) LAN LED x 10(Rear)
	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	12V DC-in power connector
Expansion	PCIe X1	1 x PCIe x1 slot scalable independent display(with VGA and MPCIE Colay)
	1 x Mini PCIe	1 x Mini PCIe Slot(with VGA and MPCIE Colay, SATA signal is alternative to M.2 2280/22110)
	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°C ~ 60°C(Operating)/ -20°C ~ 70°C(Storage)
	Humidity	5 ~ 90% Non condensing
System Dimensions	(WxHxD)	280×180×45mm
	Weight	1.5 kg
Package Dimensions	(WxHxD)	328 x 80 x 230mm
	Weight	2.3 kg
Power	Type/Watts	60W Desktop adapter
	Input	90~264V@47~63Hz
Approvals and Compliance		CE, FCC, RoHS