NWA-6500 Series

Network Security Appliance
with Intel® Atom™ C3000 Series Processors

- • Intel® Atom™ C3000 Series Processors
- • 1x/2x DDR4 SO-DIMM Socket
- • 6x GbE LAN for Ethernet
- • 2 pairs of LAN bypass functionality support
- • 1x COM, 2x USB3.0 for pheripheral connection
- • 1x 2.5" SATA HDD/SSD for storage
- • 1x M.2 Key A, 1x M.2 Key B, 1x mPCIe for expansion
- • Friendly LED indicators

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Product Overview

NWA-6500 Series is a fanless network security appliance based on Intel® Denverton Processors. Equipped with six GbE LAN ports of which four support two pairs of LAN bypass functionality, NWA-6500 Series can instantly pass the link to the next available paths in case of a single point of network failure. It is therefore suitable for the enterprises who want to build a network redundancy to ensure maximum uptime and availability for network-based applications.

Technical Information

Processor	
	Intel® Atom™ C3338 (Dual Core)
	Intel® Atom™ C3538 (Quad Core)
Memory	
	1x DDR4 SO-DIMM (for Atom™ C3338)
	2x DDR4 SO-DIMM (for Atom™ C3538)
Ethernet	
	6x GbE LAN (on rear, LAN1 & LAN2 Bypass, LAN3 & LAN4 Bypass)
USB	
	2x USB3.0 (Type A on rear)
Serial Port	
	1x RS-232 (RJ-45 on rear, console redirection support)
Storage	
	1x 2.5" SATA HDD / SSD
	1x M.2 Key A
	1x M.2 Key B
	1x mPCIe (full size)
Power Supply	
	Connector: Lockable DC Jack (on rear)
	Input Voltage: DC 12V / 19V
	Power Adapter: AC to DC, 100V ~ 240V
Firmware	
	BIOS: AMI uEFI BIOS w/ 128Mb SPI Flash
	WDT: Programmable WDT to generate system reset or LAN bypass
	H/W Monitor: Voltages, Temperatures
	Real Time Clock: SoC integrated RTC
	TPM: optional (Infineon SLB9665 TPM2.0)

System Control & Monitoring	
	1x Programmable Switch button (on rear, GP input support)
	1x Power LED (on front, green)
	1x Status LED for GP output (on front, green)
	1x Alarm LED for GP output (on front, red)
	2x Bypass LED (on front, yellow)
	6x Act/Link LED for LAN1 ~ LAN6 (on front, green)
	6x Speed LED for LAN1~LAN6 (on front, 10: off/ 100: green/ 1000: yellow)
Cooling	
	Passive
OS Support	
	Windows Server, Linux
Construction	
	Aluminum Chassis
Dimension (W x D x H)	
	219 x 151 x 40 mm / 8.62" x 5.94" x 1.57"
Weight	
	1.42 kg / 3.13 lb
Environmental Characteristics	
	Operating Temperature: 0°C ~ 45°C / 32°F ~ 113°F
	Storage Temperature: -20°C ~ 80°C / -4°F ~ 176°F
	Humidity: 0% ~ 95%
Certification	
	CE, FCC Class A

NWA-6500 Series I/Os

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