



Network Appliances

www.axiomtek.com

Desktop Network Appliances • Rackmount Network Appliances
LAN Modules



About **Axiomtek**

Innovations for the embedded world

For over 28 years, Axiomtek has been an industry leader in the industrial and embedded computer field. Since its inception, the company has successfully gained worldwide recognition for its innovative designs and unparalleled customer satisfaction. As a valued partner, Axiomtek takes pride in designing and producing contemporary solutions to insure our customer's success. Our commitment to excellence is reflected in our products, our culture, and our values.



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Axiomtek App

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IIoT Networking Platform Solution

Bridges Things from Edge to Cloud

The Industrial IoT (Internet of Things) is becoming the key to success in the coming decade. Along with the maturity of affordable technologies have come a variety of IIoT applications and business models that are shaping a bright, exciting future where everything can connect and communicate with each other.

Axiomtek, with its innovative networking platform solutions that link everything from the edge to the cloud, is striving to make this IIoT future a reality. By offering a complete network appliance portfolio and flexible COTS customization services encompassing firewall, routing, VPN, vCPE, gateway, and edge intelligence, Axiomtek is thrilled to work with its customers on IIoT innovation to make the world better connected than ever before.

ODM/OEM Services

Off-the-shelf



- Desktop/1U/2U
- Intel® Celeron®/Pentium®/Atom®/Xeon®
- 1G/10G/40G multi-ports
- Fiber/copper interfaces

Re-branding



- Printing/labeling/logo
- BIOS setting
- Storage/memory capacity
- CPU version

Project-based ODM



- Design to suit customers' requirements
- Electric circuit design
- Mechanical and ID design
- EMI/EMC and safety certification

Our Advantages

Off-the-shelf Products

- Desktop/1U/2U
- Up to 25G/40G multi-port
- 100G add-on card

Customization Service

- Leverage modular design and circuit block
- Fast re-branding & ODM service

Reliable and High Performance

- Leading x86 multi-core technology
- System integration and design
- Reliable and careful quality control
- Embedded software compliance

Niche Player and Market

- Small/Middle-size quantity base

Technical Support

- Global logistic & RMA service
- Dedicated R&D team

Core Technology

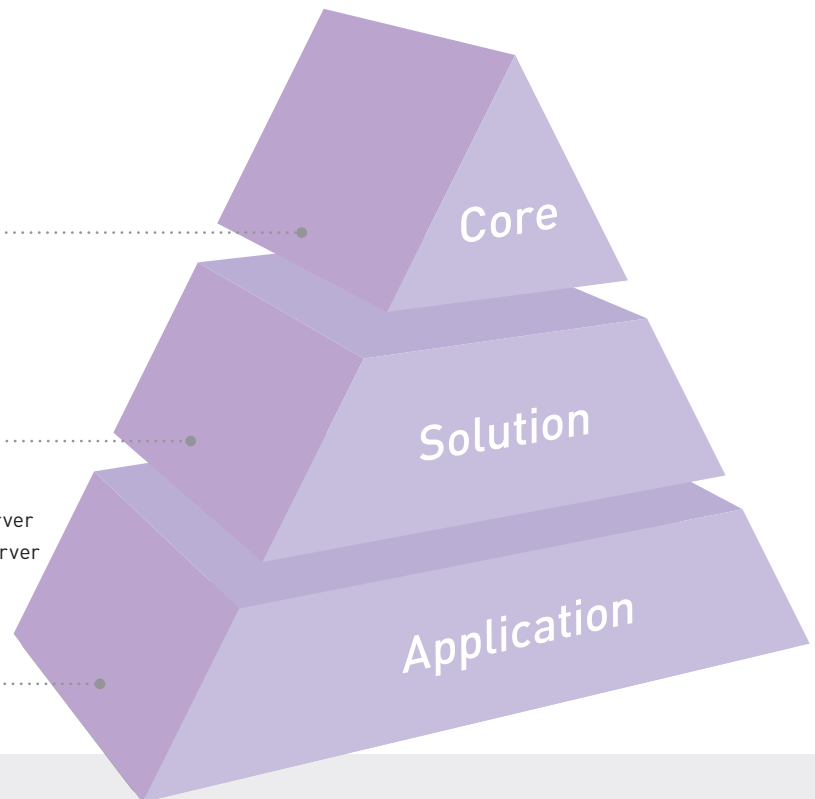
- Powerful x86 multi-core processors
- Rich interfaces and high throughput
- Modular design
- High storage capacity
- Mechanical design

- Linux OS
- IPMI
- DPDK
- QAT
- TPM

- LAN bypass
- Fanless design
- VPN acceleration

- NGFW/UTM/IPS/IDS
- DPI/CFS
- VPN/NAT
- VLAN/VXLAN
- QoS/Traffic prioritization
- Access control

- SDN controller
- Edge computing server
- NAS/NVR/Media server
- Tunneling
- IIoT gateway



Design Concept

Performance

- Multi-core processors
- VPN hardware acceleration
- DPDK packet processing
- QAT data processing

Flexibility

- Hot swappable HDD/SSD
- Hot swappable fan
- Swappable networking I/O
- Expansion capability

Value-added

- LAN bypass function
- Redundant power supplies
- IPMI module
- TPM hardware security

Systems Comparison Table

2U Rackmount

Model	CPU	RAM	LAN Ports (Default/Max.)	LAN Modules
NA860*	Dual LGA3647 socket Intel® Xeon® (Skylake-SP)	12 x DDR4 2400 R-DIMM, up to 384GB	2 / 66	8 x LAN module
NA850	Dual LGA2011 socket Intel® Xeon® E5-2600 v3/v4 (Haswell/Broadwell-EP)	16 x DDR4 2133 R-DIMM, up to 512GB	2 / 42	5 x LAN module

1U Rackmount

Model	CPU	RAM	LAN Ports (Default/Max.)	LAN Modules
NA861*	Single LGA3647 socket Intel® Xeon® (Skylake-SP)	6 x DDR4 2400 R-DIMM, up to 192GB	2 / 34	4 x LAN module
NA720	Intel® Xeon® D-1527/ Pentium® D1508	4 x DDR4 2400 R-DIMM/U-DIMM, up to 128GB	10 / 26	2 x LAN module
NA590*	LGA1151 Intel® Core™ i7/i5/i3 or Xeon® E3-1200v7 (Coffee Lake)	4 x DDR4 2400 U-DIMM, up to 64GB (C246) 2 x DDR4 2400 U-DIMM, up to 32GB (H310)	6 or 8 / 26	2 x LAN module
NA580	LGA1151 Intel® Core™ i7/i5/i3 or Xeon® E3-1200v5/v6 (Skylake/Kaby Lake)	4 x DDR4 2400 U-DIMM, up to 64GB (C236) 2 x DDR4 2400 U-DIMM, up to 32GB (H110)	6 or 8 / 18	1 x LAN module
NA570	LGA1150 Intel® Xeon® E3-1200 v3 or Core™ i7/i5/i3 series processor	4 x DDR3 1600 U-DIMM, up to 32GB (C226) 2 x DDR3 1600 U-DIMM, up to 16GB (H81)	8 / 24	2 x LAN module
NA560	LGA1155 Intel® Xeon®/Core™	4 x DDR3 1333 U-DIMM, up to 32GB (B65) 2 x DDR3 1333 U-DIMM, up to 32GB (H61)	6 or 8	N/A
NA342R	Intel® Celeron® J1900	1 x DDR3L 1333 SO-DIMM, up to 8GB	6	N/A
NA343R	Intel® Celeron® C3160	1 x DDR3L 1600 SO-DIMM, up to 8GB	6	N/A
NA345R	Intel® Celeron® N3350/ Intel® Atom® x5-E3940	1 x DDR3L 1866 SO-DIMM, up to 8GB	6	N/A
NA361R	Intel® Atom® C2558/C2758	4 x DDR3 1600 U-DIMM, up to 32GB	6	N/A
NA362R	Intel® Atom® C3000 (Denverton)	4 x DDR4 R-DIMM/U-DIMM, up to 128GB	8	N/A

★ New Product

1U Desktop

Model	CPU	RAM	LAN Ports (Default/Max.)	LAN Modules
NA362	Intel® Atom® C3000 family	4 x DDR4 R-DIMM/U-DIMM, up to 128GB 2 x DDR4 R-DIMM/U-DIMM, up to 128GB	6 or 8 or 10	N/A
NA361	Intel® Atom® C2358	2 x DDR3 1600 U-DIMM, up to 16GB	6	N/A
NA346*	Intel® Celeron® N3350/ Pentium® N4200	1 x DDR3L 1600 SO-DIMM, up to 8GB	3	N/A
NA345	Intel® Celeron® N3350/ Pentium® N4200	1 x DDR3L 1866 SO-DIMM, up to 8GB	4	N/A
NA345E*	Intel® Celeron® N3350	1 x DDR3L 1866 SO-DIMM, up to 8GB	3	N/A
NA343	Intel® Celeron® C3060	1 x DDR3L 1600 SO-DIMM, up to 8GB	4	N/A
NA342	Intel® Celeron® J1900	1 x DDR3L 1333 SO-DIMM, up to 8GB	4	N/A
NA130	AMD G-series GX-210	1 x DDR3L 1600 SO-DIMM, up to 8GB	4	N/A
NA110	AMD G-series T24L	1 x DDR3 1066 SO-DIMM, up to 4GB	4	N/A

★ New Product

New Products

NA860



2U Rackmount Network Appliance Platform with Dual LGA3647 Socket Intel® Skylake Server Processors, Intel® C621 (Purley) and up to 66 LANs

NA362R



1U Rackmount Network Appliance Platform with Intel® Atom® Processor C3558/C3758 and up to 10 LANs

NA590



1U Rackmount Network Appliance Platform with LGA1151 Socket Intel® Xeon® E3/ Core™ Family Processor, Intel® C246/H310 and up to 26 LANs

NA345E



Desktop Network Appliance Platform with Intel® Celeron® Processor N3350 1.10 GHz and 3 GbE LANs

Modules Comparison Table

LAN Modules

Model	Port Number	Ethernet Controller	LAN Bypass	Copper/Fiber	Form Factor
40 GbE Fiber					
AX93331-2QFI	2	Intel® XL710	N/A	0/2	1U & 2U
25 GbE Fiber					
AX93332-25FI	2	Intel® XXV710	N/A	0/2	1U & 2U
10 GbE Fiber					
AX93307-2FI	2	Intel® 82599ES	N/A	0/2	1U & 2U
AX93307-2FIL	2	Intel® 82599ES	1	0/2	1U & 2U
AX93327-4FI	4	Intel® XL710	N/A	0/4	1U & 2U
10 GbE Copper					
AX93317-GIL	2	Intel® X540	1	2/0	1U & 2U
GbE Mix					
AX93322-8MIL	8	Intel® 82580EB / Intel® i350	2	4/4	1U & 2U
GbE Fiber					
AX93322-8FI	8	Intel® 82580EB / Intel® i350	N/A	0/8	1U & 2U
AX93336-4FI	4	Intel® i350	N/A	0/4	1U & 2U
GbE Copper					
AX93316-8GI	8	Intel® 82580EB	N/A	8/0	1U & 2U
AX93316-8GIL	8	Intel® 82580EB	4	8/0	1U & 2U
AX93326-8GI	8	Intel® i210	N/A	8/0	1U & 2U
AX93326-8GIL	8	Intel® i210	4	8/0	1U & 2U
AX93336-4GI	4	Intel® i211	N/A	4/0	1U & 2U
AX93336-4GIL	4	Intel® i350	2	4/0	1U & 2U



AX93307-2FI



AX93316-8GIL



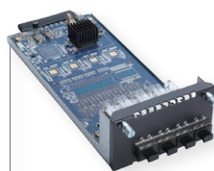
AX93317-2GIL



AX93322-8FI



AX93326-8GIL



AX93327-4FI



AX93331



AX93332



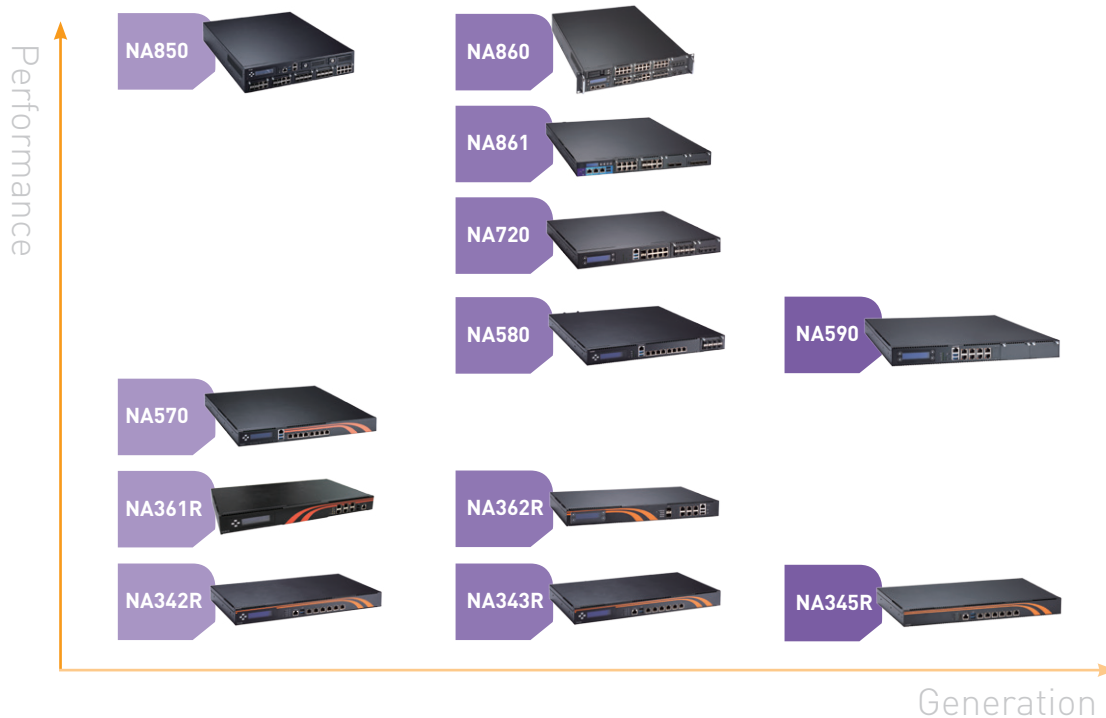
AX93336-4FI

Product Positioning

1U Desktop Network Appliances



1U/2U Rackmount Network Appliances



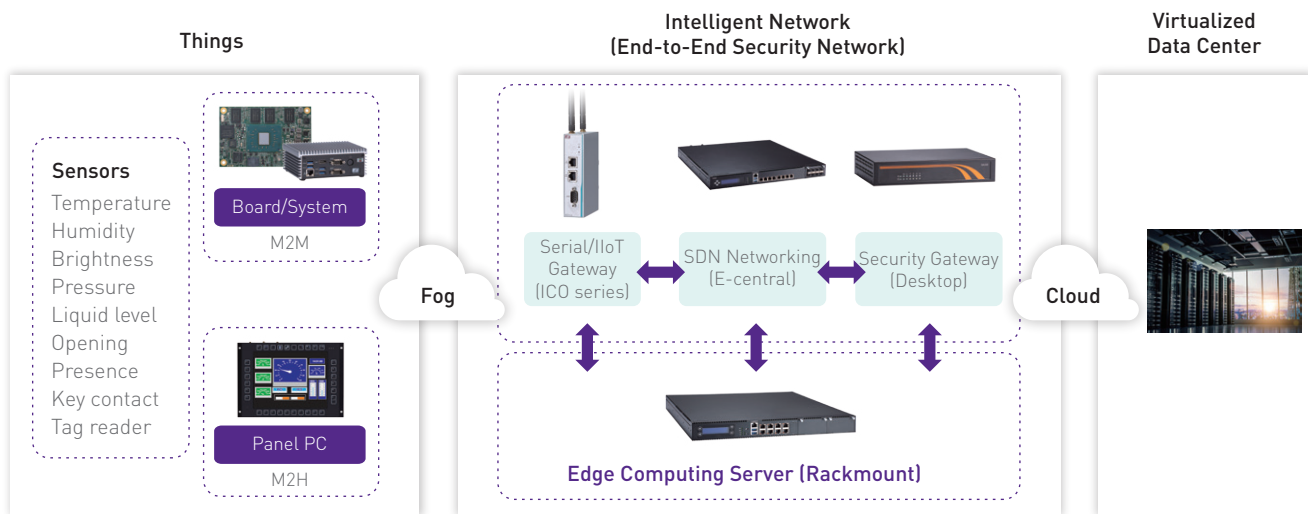
Industrial Internet of Things

General Solution Architecture

Axiomtek's IIoT Solution Architecture

Axiomtek offers a full range of Industrial IoT (IIoT) infrastructure solutions from Things to the Intelligent Network. It provides boards, embedded systems and HMI for front-end operation of Things, IoT gateways for connectivity between Things and the cloud, as well as network appliances for building an end-to-end IIoT security network and intelligent edge computing platform.

Axiomtek not only provides AXPack - a DPDK developing tool for packet processing, but also allies with its SDN software partner EstiNet to provide SDN controllers and SDN switches. With a complete and integrated IIoT product portfolio, Axiomtek offers customers one-stop-shopping services for various appliances.

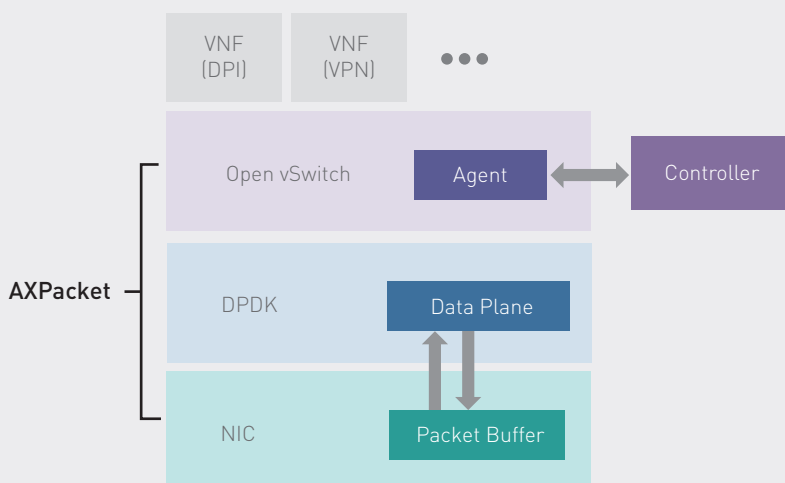


An Open vSwitch with DPDK Software Development Kit

Axiomtek's AXPack - An Open vSwitch with DPDK Ready Software Development Kit

The AXPack, an Open vSwitch v2.8 with a DPDK v17 package to create an optimized cloud edge platform, enables customers to accelerate their network development without increasing any cost.

Combining the latest DPDK and Open vSwitch, the AXPack has a user friendly UI and smooth installation procedure, helping software developers reduce the effort of fine-tuning performance for packet processing.



AXPacket development kit

- Unified configuration for different x86 platform
- Open vSwitch support
- DPDK acceleration

Multi-threaded data plane

- Flexible configuration for Intel DPDK performance
- Hardware resource awareness
- DPDK port#
- Multi-core CPU's core#
- RAM reservation for DPDK

AXPacket version

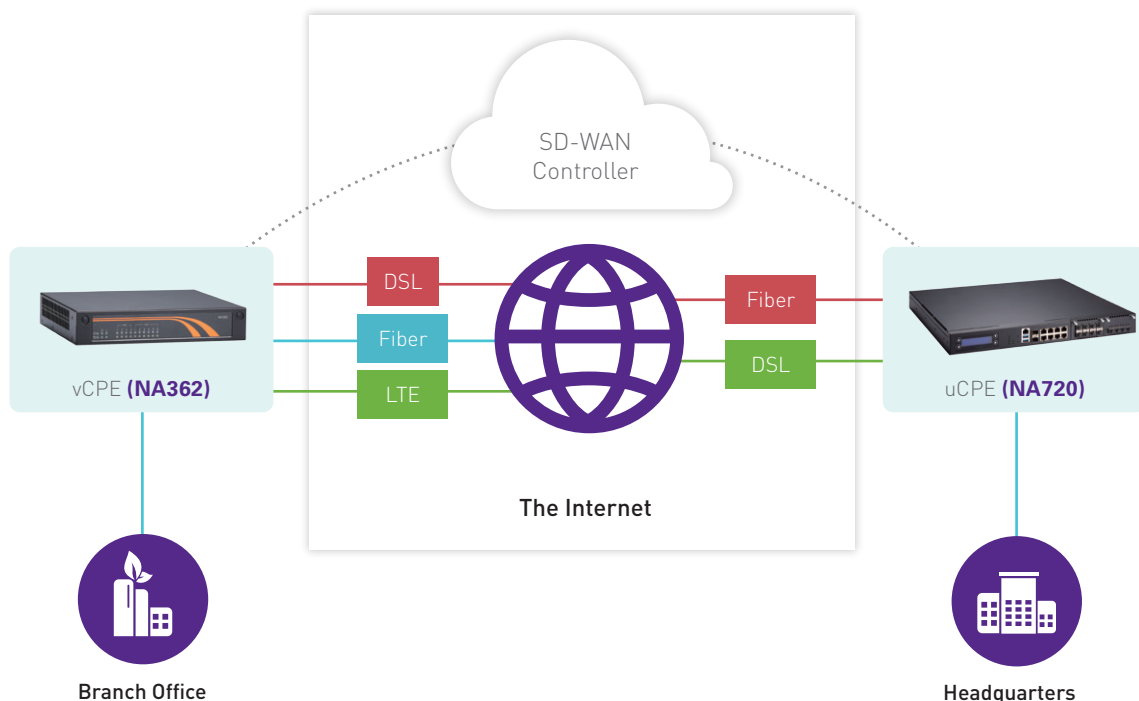
- DPDK 17.05.2
- Open vSwitch 2.8

Network Solution - SDWAN

Software-Defined WAN

The software-defined wide-area network (SD-WAN) leverages software-defined networking (SDN) technology applied to WAN connections, which are used to connect enterprise networks over a large geographic area.

SD-WAN uses cheaper Internet broadband connections and VPN technology to replace expensive legacy WAN technologies such as T-1 or MPLS. SD-WAN also has the advantage of deploying new network services quickly via the cloud and VNF (Virtual network functions).



Recommended Model

NA362 - Compact Network Appliance Platform

- Intel® Atom® processor C3000 family (Denverton)
- Four DDR4 R-DIMM, up to 128GB or U-DIMM, up to 64GB memory
- Six 10/100/1000 Mbps Ethernet ports and four SFP+ ports
- Wi-Fi/3G/LTE through PCI Express Mini Card slot for optional
- Supports Intel® QuickAssist Technology (Intel® QAT)
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

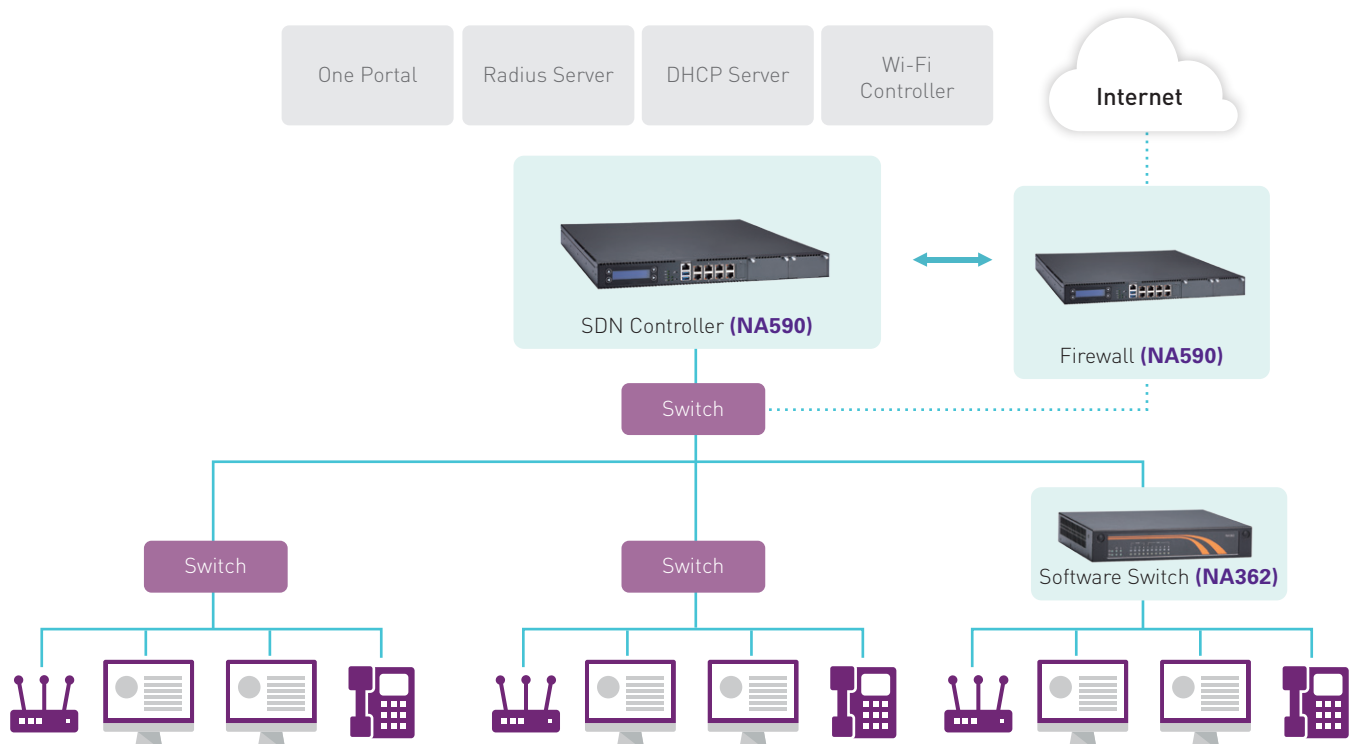


Network Solution-SDN

Software-Defined Networking

The IIoT SDN controller supports state-of-the-art Software Defined Networking (SDN) technology and the OpenFlow protocol. It works as a centralized and reliable network controller platform and operates with SDN-enabled switches to deliver new flow-level automated networking functions that cannot easily be provided by traditional solutions.

The IIoT SDN controller allows network administrators to configure the whole network with minimum settings on a central portal, enabling them to manage and monitor the network in an automated, programmable, and responsive approach in real time.



Recommended Model

NA590 - 1U Rackmount Network Appliance Platform

- LGA1151 socket 8th gen Intel® Core™/Xeon® E3 family processor (Coffee Lake)
- Four DDR4-2400 U-DIMM, up to 64GB memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- Two expandable LAN module supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass for optional
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM module for optional
- Suitable for network security, cloud computing and data centers applications

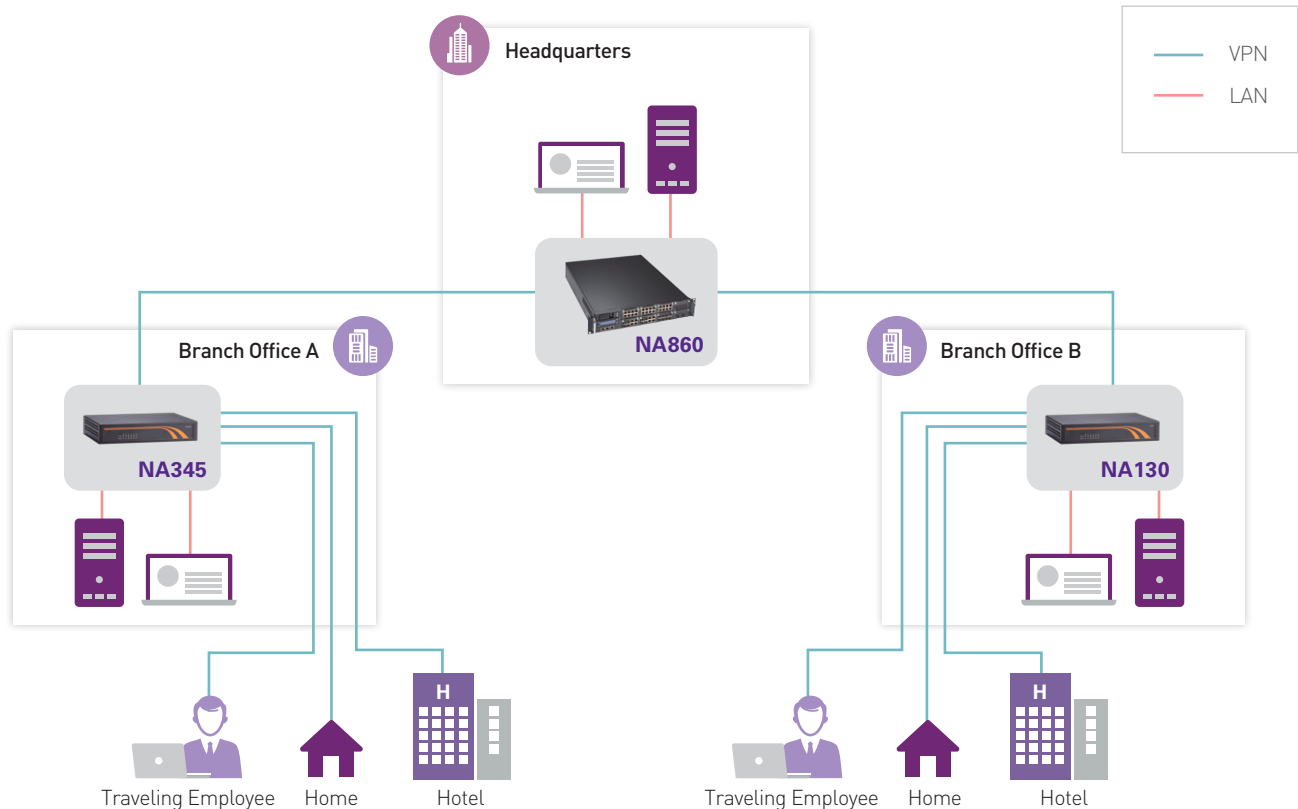


Network Solution-VPN

Virtual Private Network

The virtual private network (VPN) is a network using a public telecommunication infrastructure, such as the Internet, to provide remote offices or individual users with secure access to the network of their organization. It is aiming to avoid an expensive system of private or leased lines that can be used by only one organization.

The VPN provides the organization with the same secure capabilities at a much lower cost. Axiomtek's network appliance platforms have successfully met the demand of low power, cost-effectiveness and better performance in VPN applications.



Recommended Model

NA345 - Desktop Network Appliance Platform

- Intel® Pentium® processor N4200/Celeron® processor N3350 (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card (optional)
- Suitable for VPN, network bandwidth controller and firewall applications

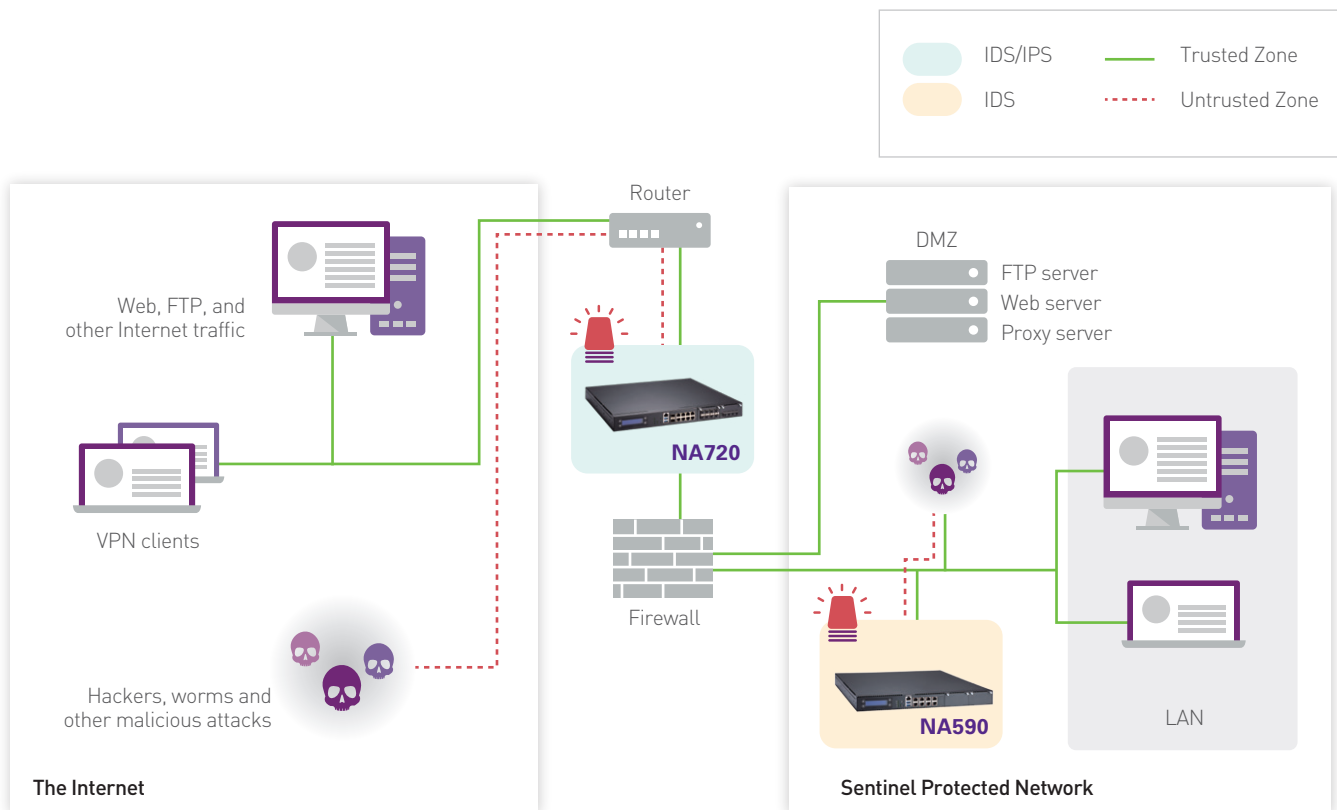


Network Solution-IDS

Intrusion Detection System

The intrusion detection system (IDS) is a type of security management system for computers and networks. When a system has detected security breaches, threats, and attacks by monitoring the trail of activities on a computer's network, it then will be sending an alert to the security officer. The IDS can be implemented to better protect a company's computer networks from such cyberattacks. Like standard alarm

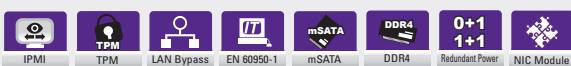
systems set up in the home or office, the IDS can be used as both a reactive and proactive method to diagnose if a network has been compromised. Axiomtek has been offering a range of network appliance platforms suitable for broad application compatibility and software consistency from the data center to the edge.



Recommended Model

NA720 - 1U Rackmount Network Appliance Platform

- Intel® Xeon® processor D-1527 or Pentium® processor D1508 onboard (Broadwell-DE)
- Four DDR4-2400 R-DIMM/U-DIMM, up to 128GB memory
- Max. up to twenty-four 10/100/1000 Mbps Ethernet ports and two 10 GbE SFP+ ports
- Two expandable LAN modules supporting 1 GbE/10 GbE/Fiber/Copper/Bypass (optional)
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM (onboard) for optional
- Suitable for enterprise firewall, network bandwidth controller and UTM applications

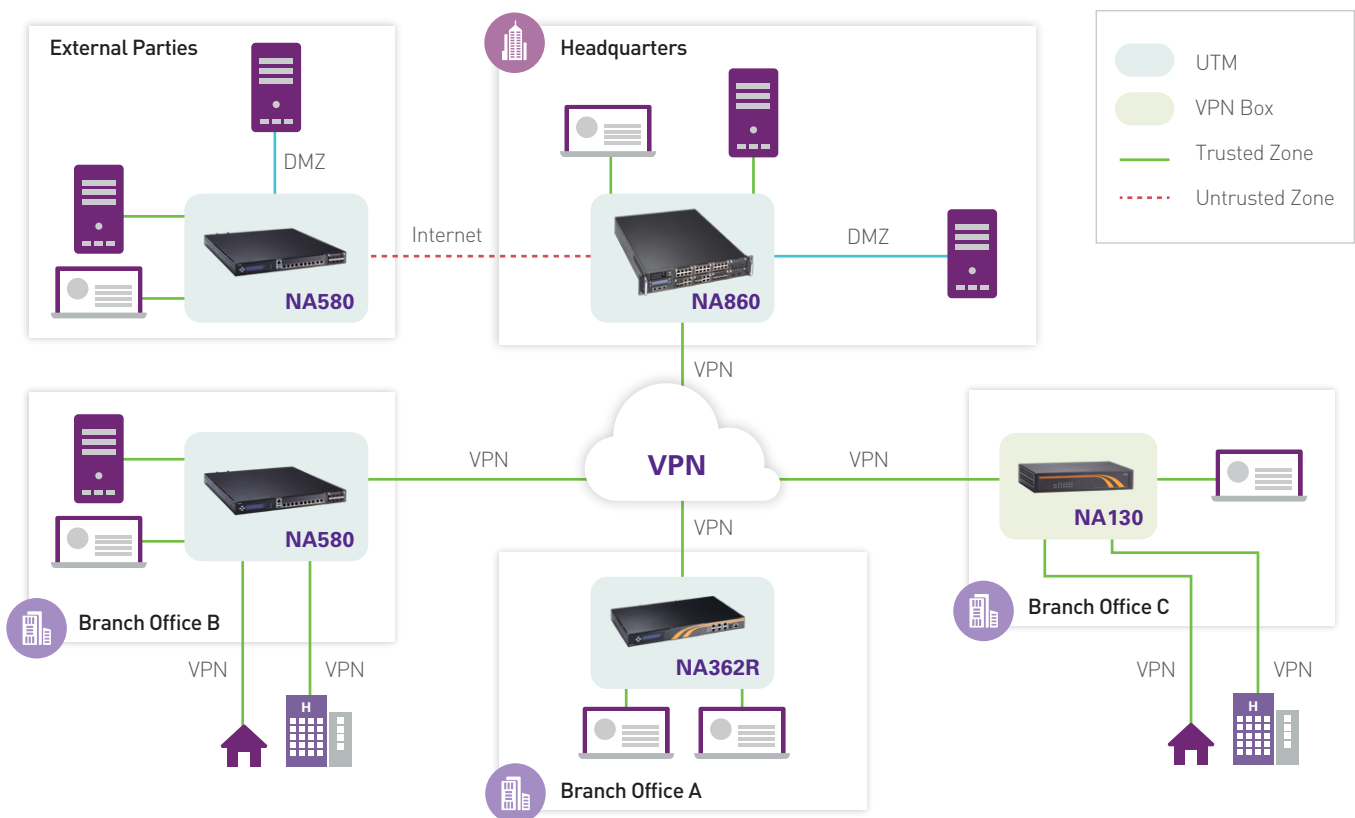


Network Solution-UTM

Unified Threat Management

The Unified Threat Management (UTM) was designed to integrate virus spam, IDS/IPS, content filtering, firewall and VPN mechanisms into one system. As security threats continue to grow, customers have aspired to invest in solutions to help safeguard their systems and data in more complex

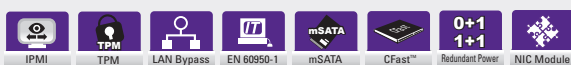
environments. Axiomtek's network appliance platforms have been supporting Intel® DPDK to improve packet processing performance by up to ten times, truly fulfilling the requirements of performance-intensive network security applications.



Recommended Model

NA580 - 1U Rackmount Network Appliance Platform

- LGA1151 socket 6th/7th generation Intel® Core™/Xeon® E3 family processor (Skylake/Kaby Lake)
- Four DDR4-2400 U-DIMM, up to 64GB memory
- Max. up to eighteen 10/100/1000 Mbps Ethernet ports
- One expandable LAN module supporting 1GbE/10GbE/Fiber/Copper/Bypass
- 1U redundant power supply supported (optional)
- IPMI/TPM module (optional)
- Suitable for network security, cloud computing and data centers applications



SMB Network Appliances



Features \ Models		NA860	NA861	NA850	NA590
Form Factor		2U, 19" rackmount	1U, 19" rackmount	2U, 19" rackmount	1U, 19" rackmount
Processor		Dual LGA3647 Intel® Skylake server processors	Single LGA3647 Intel® Skylake server processor	Dual LGA2011 Intel® Xeon® E5-2600 v3	LGA1151 Intel® Xeon® E3/ Core™ family
Chipset		Intel® C621	Intel® C621	Intel® C612	Intel® C246/H310
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4-2400	DDR4-2133	DDR4-2400
	Max Capacity	Up to 384GB non-ECC/ECC	Up to 192GB non-ECC/ECC	Up to 512GB non-ECC/ECC	Up to 64GB non-ECC/ECC
	Socket	12 x 288-pin R-DIMM	6 x 288-pin R-DIMM	16 x 288-pin R-DIMM	4 x 288-pin R-DIMM (Intel® C246) 2 x 288-pin R-DIMM (Intel® H310)
Network Interface	Ethernet (default)	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	8 x 10/100/1000 Mbps (Intel® C246) 6 x 10/100/1000 Mbps (Intel® H310)
	Ethernet (max.)	66 x 10/100/1000 Mbps	34 x 10/100/1000 Mbps	42 x 10/100/1000 Mbps	26 x 10/100/1000 Mbps
	LAN Bypass	Depends on LAN module	Depends on LAN module	Depends on LAN module	2 pairs
	LAN Module	8 NIC slots (Dual CPUs) 4 NIC slots (Single CPU)	4 NIC slots	5 NIC slots (Dual CPUs) 3 NIC slots (Single CPU)	2 NIC slots
Storage	HDD	2 x 2.5" HDD (hot swappable)	2 x 2.5" HDD	2 x 3.5" HDD (hot swappable)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)
	CompactFlash™/CFast™/mSATA	1 x mSATA	1 x mSATA	1 x CompactFlash™	1 x mSATA
I/O	USB	2 x USB 3.0	2 x USB 2.0	2 x USB 3.0	2 x USB 3.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		800 W 2U redundant	400 W 1U redundant	650 W 2U redundant	270 W ATX power 280 W 1U redundant (optional)
Expansion		2 x PCIe x8 (optional)	None	2 x PCIe x8 (optional)	1 x PCIe x8 (Intel® C246 only)
VGA		Yes	Yes	Yes	Pin header
Operating Temperature		0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F) (270W ATX power) 0°C ~ +40°C (+32°F ~ +104°F) (280 W 1U redundant)
LCD Module		Yes	Yes	Yes	Yes
OS Support		Linux Kernel	Linux Kernel	Linux Kernel	Linux Kernel
Dimensions (H x W x D)		88 x 430 x 562 mm (3.46" x 16.93" x 22")	44 x 430 x 561 mm (1.73" x 16.93" x 22")	88 x 430 x 550 mm (3.46" x 16.93" x 21.65")	44 x 430 x 450 mm (1.73" x 16.93" x 17.7")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC



Features \ Models		NA580	NA720	NA362R	NA345R
Form Factor		1U, 19" rackmount	1U, 19" Rackmount	1U, 19" rackmount	1U, 19" Rackmount
Processor		LGA1151 Intel® Xeon® E3/ Core™ family	Intel® Xeon® D-1527 Intel® Pentium® D1508	Intel® Atom® C3558/C3758	Intel® Celeron® N3350
Chipset		Intel® C236/H110	SoC Integrated	SoC Integrated	SoC Integrated
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4-2400	DDR4	DDR3L-1866
	Max Capacity	Up to 64GB non-ECC/ECC	Up to 128GB non-ECC/ECC	Up to 128GB non-ECC/ECC	Up to 8GB non-ECC
	Socket	4 x 288-pin R-DIMM (Intel® C236) 2 x 288-pin R-DIMM (Intel® H110)	4 x 288-pin R-DIMM/U-DIMM	4 x 288-pin R-DIMM/U-DIMM	1 x 204-pin SO-DIMM
Network Interface	Ethernet (default)	8 x 10/100/1000 Mbps (Intel® C236) 6 x 10/100/1000 Mbps (Intel® H110)	8 x 10/100/1000 Mbps 2 x 10 GbE SFP+	6 x 10/100/1000 Mbps 2 x 10GbE SFP+/4 x 10GbE SFP+	6 x 10/100/1000 Mbps
	Ethernet (max.)	18 x 10/100/1000 Mbps	26 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps 4 x 10G SFP+	6 x 10/100/1000 Mbps
	LAN Bypass	2 pairs	2 pairs	1 pair	1 pair
	LAN Module	1 NIC slot	2 NIC slots	N/A	N/A
Storage	HDD	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	1 x 2.5" HDD
	CompactFlash™/ CFast™/mSATA	1 x CFast™ 1 x mSATA	1 x mSATA	1 x mSATA	1 x mSATA
I/O	USB	2 x USB 3.0	2 x USB 3.0	2 x USB 2.0	2 x USB 3.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		270 W ATX power 280 W 1U redundant (optional)	270 W ATX power supply 280 W 1U redundant power supply (optional)	120 W open frame	65W open frame
Expansion		1 x PCIe x8 (Intel® C236 only)	1 x PCIe x8 (optional)	N/A	N/A
VGA		Pin header	Pin header	N/A	1 x HDMI
Operating Temperature		0°C ~ +45°C (+32°F ~ +113°F) (270W ATX power) 0°C ~ +40°C (+32°F ~ +104°F) (280 W 1U redundant)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)
LCD Module		Yes	Yes	Yes	N/A
OS Support		Linux Kernel	Linux Kernel	Yocto, Linux	Win 10, Linux (Yocto project)
Dimensions (H x W x D)		44 x 430 x 450 mm (1.73" x 16.93" x 17.7")	44 x 430 x 391 mm (1.73" x 16.93" x 15.39")	44 x 430 x 250 mm (1.73" x 16.93" x 9.84")	44 x 430 x 250 mm (1.73" x 16.93" x 9.54")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC

NA860

2U Rackmount Network Appliance Platform with Dual LGA3647 Socket Intel® Skylake Server Processors, Intel® C621 (Purley) and up to 66 LANs

Features

- Dual LGA3647 socket Intel® Skylake server processors
- Twelve DDR4-2400 R-DIMM, up to 384GB
- Max. up to sixty-six 10/100/1000 Mbps Ethernet ports
- Eight expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- Supports IPMI/TPM (onboard) for optional
- High computing power for SDN, NGFW, IDS, IPS and UTM applications

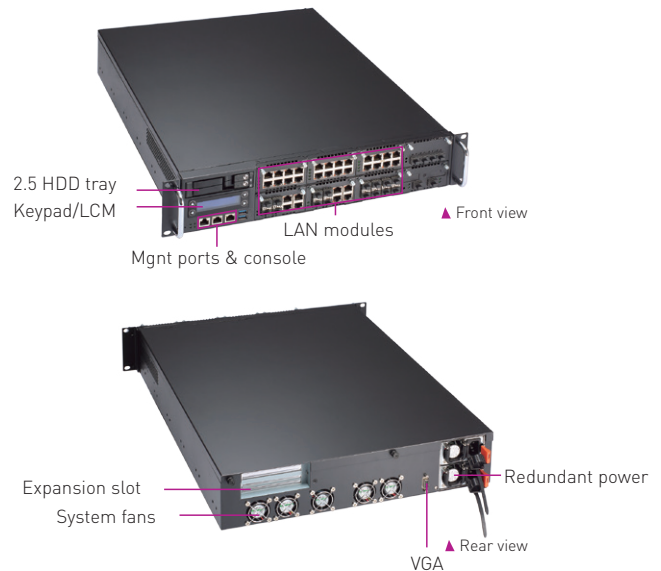


Specifications

System	
CPU	Dual LGA3647 socket Intel® Skylake server processors
Chipset	Intel® C621
Memory	12 x DDR4-2400 R-DIMM, up to 384GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD hot swappable 1 x mSATA
Network Interface	2 x 10/100/1000 Mbps Ethernet (Intel® i210) Single CPU: 4 x LAN module (optional), max. up to 34 LAN ports Dual CPU: 8 x LAN module (optional), max. up to 66 LAN ports
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	2 x PCIe x8 (optional) through AX96709 (83967091000E) riser card (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	800 W 2U redundant power supply
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	2U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 562 mm (22.12") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certificates	FCC class A/CE class A



Ordering Information

Standard

NA860-R2GI-C621-US	2U rackmount appliance with dual Intel® Skylake server processors LGA3647 and 2 GbE LANs
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Optional

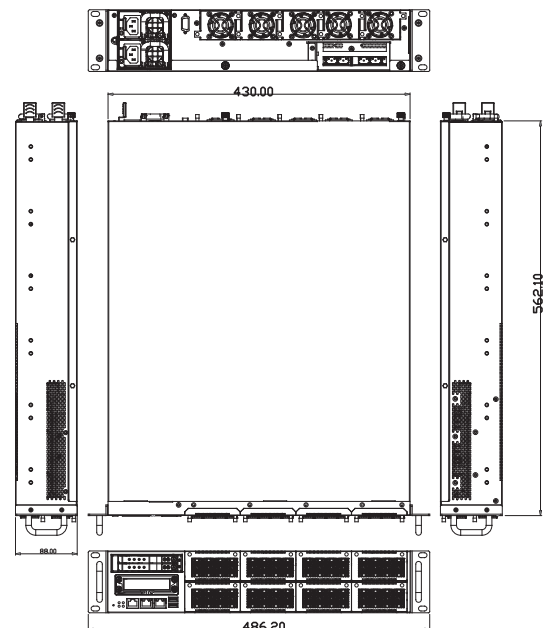
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



NA861 NEW

1U Rackmount Network Appliance Platform with Single LGA3647 Socket Intel® Skylake Server Processors, Intel® C621 (Purley) and up to 34 LANs

Features

- Single LGA3647 socket Intel® Skylake server processors
- Six DDR4-2400 R-DIMM, up to 384GB
- Max. up to thirty-four 10/100/1000 Mbps Ethernet ports
- Four expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply
- Supports IPMI/TPM (onboard) for optional
- High computing power for SDN, NGFW, IDS, IPS and UTM applications

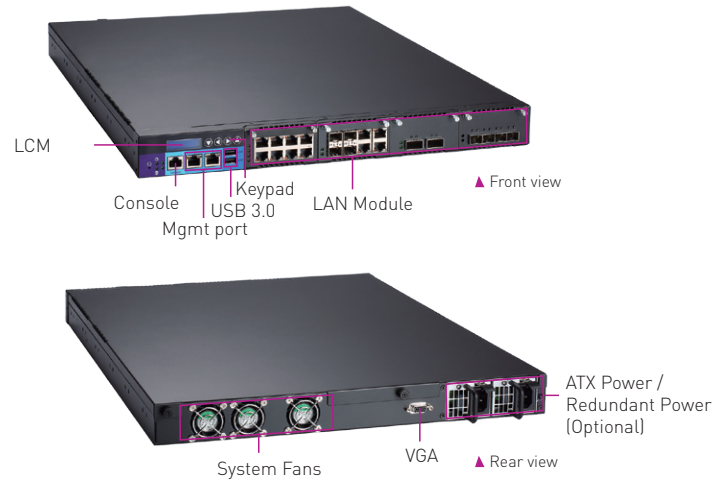


Specifications

System	
CPU	Single LGA3647 socket Intel® Skylake server processors
Chipset	Intel® C621
Memory	6 x DDR4-2400 R-DIMM, up to 192GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x mSATA
Network Interface	2 x 10/100/1000 Mbps Ethernet (Intel® i210) Single CPU: 4 x LAN module (optional), max. up to 34 LAN ports
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 2 x RJ-45 1 x VGA
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	None
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	400W 1U redundant power supply
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.92") (W) x 561 mm (22") (D)
Weight (net/gross)	TBC
Certificates	FCC class A/CE class A



Ordering Information

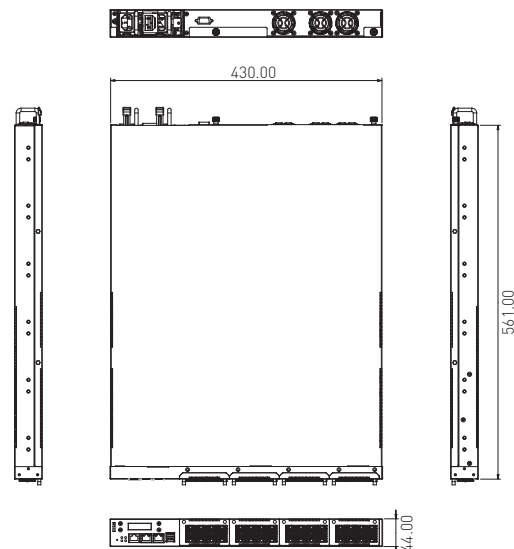
Standard	
NA861-R2GI-RC-US (P/N:E26E861100)	1U rackmount appliance with single Intel® Skylake server processors and 2 GbE LANs
Optional	
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



* All specifications and photos are subject to change without notice.

NA850

2U Rackmount Network Appliance Platform with Dual LGA2011 Socket Intel® Xeon® E5-2600 v3/v4 Family Processor, Intel® C612 and up to 42 LANs

Features

- Dual LGA2011 socket-R3 Intel® Xeon® E5-2600 v3/v4 family processor
- Sixteen DDR4-2133 R-DIMM, up to 512GB memory
- Max. up to forty-two 10/100/1000 Mbps Ethernet ports
- Five expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- High computing power for SDN, NGFW, IDS, IPS and UTM applications

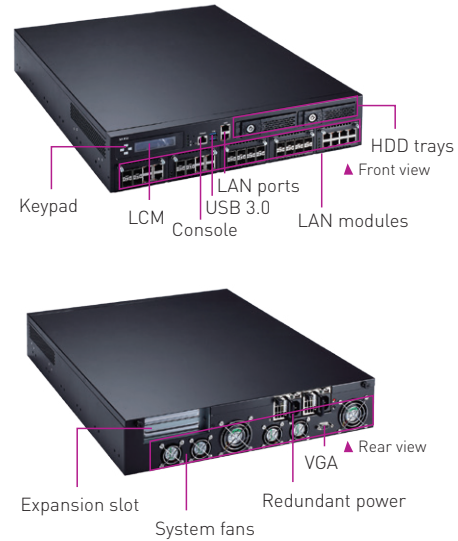


Specifications

System	
CPU	Dual LGA2011 socket Intel® Xeon® E5-2600 v3/v4 family processors
Chipset	Intel® C612
Memory	16 x DDR4-2133 R-DIMM, up to 512GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 3.5" SATA HDD, hot swappable 1 x CompactFlash™ type-II 1 x CFast™ (optional)
Network Interface	2 x 10/100/1000 Mbps Ethernet (Intel® i211) Single CPU: 3 x LAN modules (optional), max. up to 26 LANs Dual CPU: 5 x LAN modules (optional), max. up to 42 LANs
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	2 x PCIe x8 (optional) through AX96709 (83967091000E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	650 W 2U redundant power supply
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	2U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (+32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 550 mm (21.65") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certificates	FCC class A/CE class A



Ordering Information

Standard

NA850-R2G1-RC-US (P/N: E26E850100)	2U rackmount appliance with dual LGA2011 Intel® Xeon® E5-2600 v3/v4 family processors and 2 GbE LANs
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Optional

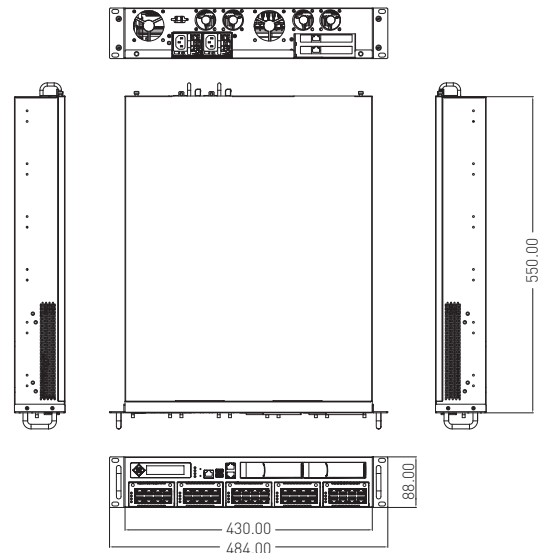
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



NA590 NEW

1U Rackmount Network Appliance Platform with LGA1151 Socket
Intel® Xeon® E3/Core™ Family Processor, Intel® C246/H310 and up to 26 LANs

Features

- LGA1151 socket Intel® Core™ i family/Xeon® E3 v5 processor (Coffee Lake)
- Four DDR4-2400 U-DIMM, up to 64GB memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- Two expandable LAN module supporting 1GbE/10GbE/25GbE/ 40GbE/Fiber/Copper/Bypass for optional
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM module for optional
- Suitable for network security, cloud computing and data centers applications

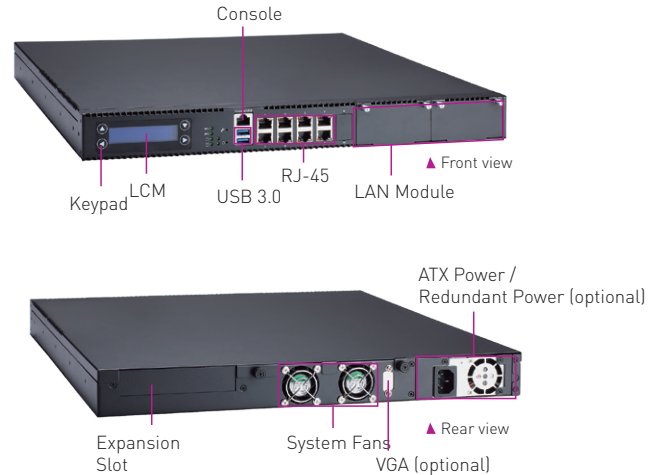


Specifications

System	
CPU	LGA1151 socket Intel® Core™ i family/Xeon® E3 v5 processor (Coffee Lake)
Chipset	Intel® C246/H310
Memory	Intel® C246: 4 x DDR4-2400 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory Intel® H310: 2 x DDR4-2400 U-DIMM, up to 32GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x mSATA 1 x 3.5" SATA HDD (optional for 270 W ATX power supply only)
Network Interface	C246 :8 x 10/100/1000 Mbps (Intel® i210) 10 x 10/100/1000 Mbps (optional) Expandable up to 26 LAN ports via 2 expandable LAN modules through AX98621 H310 :6 x 10/100/1000 Mbps (Intel® i210) Expandable up to 14 LAN ports via 1 expandable LAN modules through AX98621
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (Intel® C246 only) through AX96708 (83967081010E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F) (270 W ATX power supply) 0°C ~ +40°C (+32°F ~ +104°F) (280 W 1U redundant power supply)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.7") (D)
Weight	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A, CE class A



Ordering Information

Standard

NA590-R8GI-C246 (P/N: E26E590100)	1U rackmount appliance with LGA1151 socket Intel® Core™ i family /Xeon® E3 v5 processor (Coffee Lake), 8 GbE LANs, 2 pairs LAN bypass and 2 expandable LAN modules (optional)
NA590-R6GI-H310 (P/N: E26E590101)	1U rackmount appliance with LGA1151 socket Intel® Core™ family processor, 6 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)

Optional

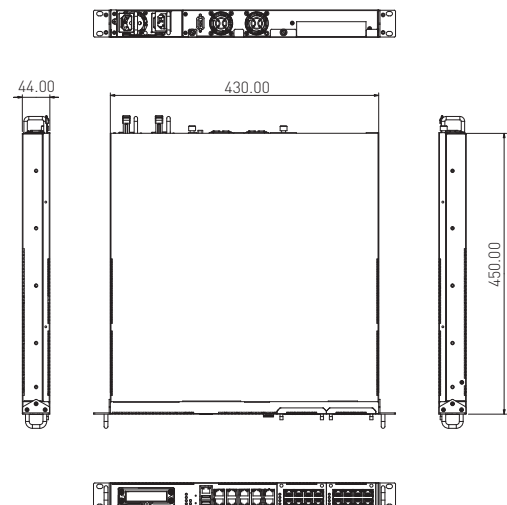
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



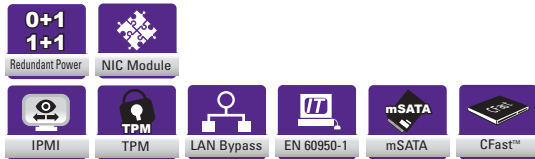
* All specifications and photos are subject to change without notice.

NA580

1U Rackmount Network Appliance Platform with LGA1151 Socket
Intel® Xeon® E3/Core™ Family Processor and 8 LANs

Features

- LGA1151 socket 6th/7th gen Intel® Xeon® E3/Core™ family processor (Skylake/Kaby Lake)
- Four DDR4-2400 U-DIMM, up to 64GB memory
- Max. up to eighteen 10/100/1000 Mbps Ethernet ports
- One expandable LAN module supporting 1GbE/10GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM module for optional
- Suitable for network security, cloud computing and data centers applications

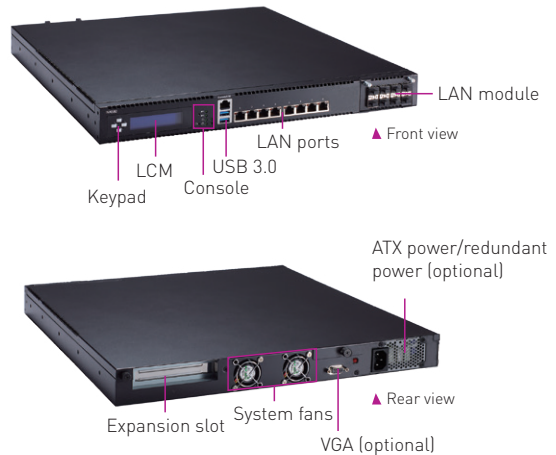


Specifications

System	
CPU	LGA1151 socket Intel® Xeon® E3/Core™ family processor (Skylake/Kaby Lake)
Chipset	Intel® C236/H110
Memory	Intel® C236: 4 x DDR4-2400 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory Intel® H110: 2 x DDR4-2400 U-DIMM, up to 32GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CFast™ 1 x mSATA 1 x 3.5" SATA HDD (optional for 270 W ATX power supply only)
Network Interface	C236 PCH: 8 x 10/100/1000 Mbps Ethernet (Intel® i210) 10 x 10/100/1000 Mbps Ethernet (optional) 8 x RJ-45 + 2 x SFP (optional) H110 PCH: 6 x 10/100/1000 Mbps Ethernet (Intel® i210) 1 x LAN module (optional), max. up to 18 LANs
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (Intel® C236 only) through AX96708 (83967081010E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel
Note : Kaby lake doesn't support Cent OS 6.6/6.7/6.8	

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F) (270 W ATX power supply) 0°C ~ +40°C (+32°F ~ +104°F) (280 W 1U redundant power supply)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm [1.73"] (H) x 430 mm [16.93"] (W) x 450 mm [17.7"] (D)
Weight	8.5 kg (18.74 lb)/9.8 kg [21.61 lb]
Certificates	FCC class A/CE class A



Ordering Information

Standard	
NA580-R8GI-C236 (P/N: E26E580100)	1U rackmount appliance with LGA1151 socket Intel® Xeon® E3/Core™ family processor, 8 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)
NA580-R6GI-H110 (P/N: E26E580101)	1U rackmount appliance with LGA1151 socket Intel® Core™ family processor, 6 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)
NA580-R8GI-C236-US with IPMI (P/N: E26E580114)	1U rackmount appliance with LGA1151 socket Intel® Xeon® E3/Core™ family processor, 8 GbE LANs, 1 IPMI port, 2 pairs LAN bypass and 1 expandable LAN module (optional)

Optional

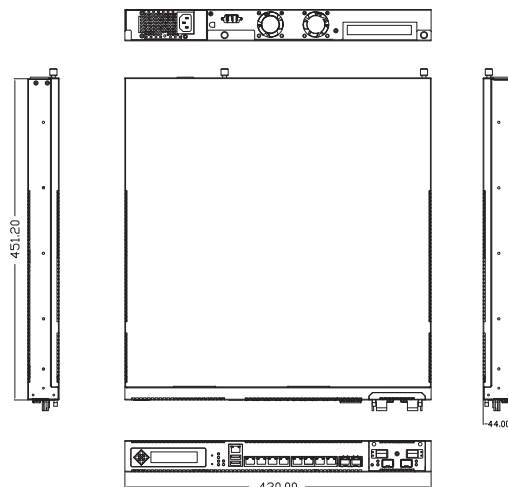
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



NA362R

1U Rackmount Network Appliance Platform with Intel® Atom® Processor C3558/C3758 and up to 10 LANs

Features

- Intel® Atom® processor C3558/C3758 (Denverton)
- Four DDR4 R-DIMM/U-DIMM, up to 128GB memory
- Up to six 10/100/1000 Mbps Ethernet ports and four 10GbE SFP+ ports
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

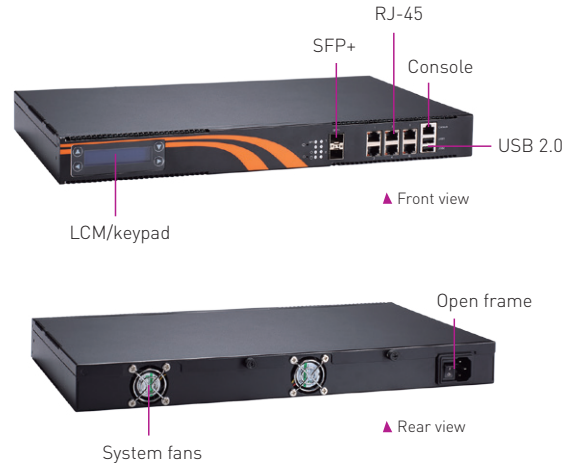


Specifications

System	
CPU	Intel® Atom® processor C3558/C3758 (Denverton)
Chipset	SoC Integrated
Memory	4 x DDR4 R-DIMM/U-DIMM, not allowed mixing, up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA3 HDD 1 x mSATA
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i210) 2 x 10GbE SFP+ (C3558)/4 x 10GbE SFP+ (C3758)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45 + 2 x SFP+ (C3558); 4 x SFP+ (C3758)
Other Features	LAN Bypass function through latch relay (one pair)
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	120 W open frame
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (+32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 251 mm (9.88") (D)
Weight (net/gross)	3.5 kg (7 lb)/4.5 kg (9 lb)
Certificates	FCC class A/CE class A



Ordering Information

Standard	
NA362R-R8MI-C3558-US (P/N:E26E362103)	1U rackmount network appliance with Intel® Atom® processor C3558 and up to 6 GbE LANs and 2 SFP+ ports
NA362R-RAMI-C3758-US (P/N:E26E362104)	1U rackmount network appliance with Intel® Atom® processor C3758 and up to 6 GbE LANs and 4 SFP+ ports

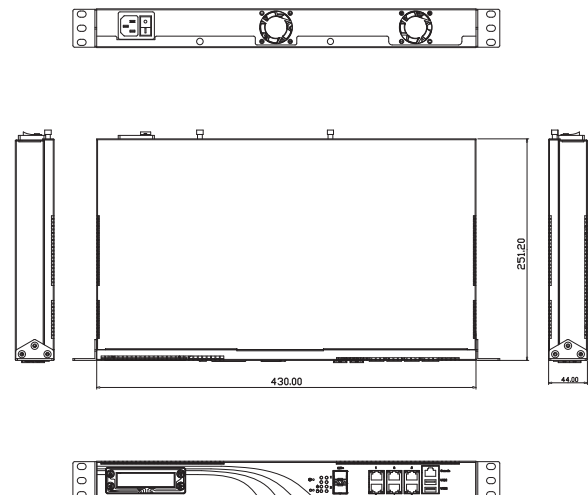
Optional	
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions

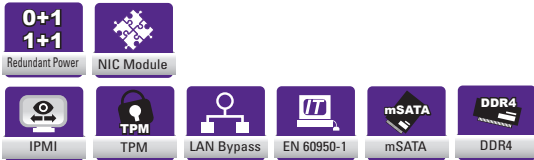


NA720

1U Rackmount Network Appliance Platform with Intel® Xeon® Processor D-1527/Pentium® Processor D1508 and 10 LANs

Features

- Intel® Xeon® processor D-1527/Pentium® processor D1508 onboard (Broadwell-DE)
- Four DDR4-2400 R-DIMM/U-DIMM, up to 128GB memory
- Max. up to twenty-four 10/100/1000 Mbps Ethernet ports and two 10 GbE SFP+ ports
- Two expandable LAN modules supporting 1GbE/10GbE/Fiber/Copper/Bypass (optional)
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM (onboard) for optional
- Suitable for enterprise firewall, network bandwidth controller and UTM applications

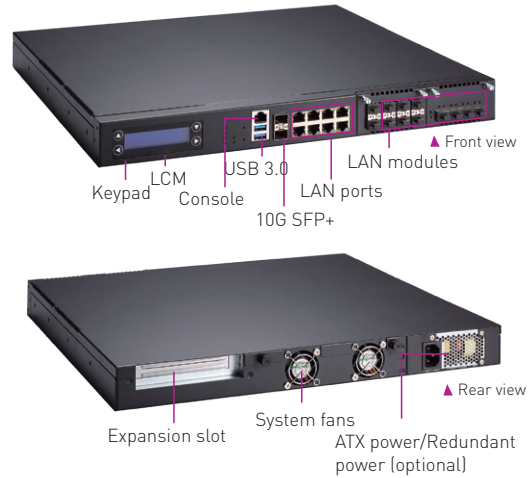


Specifications

System	
CPU	Intel® Xeon® processor D-1527 (Broadwell-DE) Intel® Pentium® processor D1508 (default)
Chipset	SoC Integrated
Memory	4 x DDR4-2400 R-DIMM/U-DIMM, not allowed mixing, up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x mSATA
Network Interface	8 x 10/100/1000 Mbps Ethernet (Intel® i210) 2 x 10 GbE SFP+ 2 x LAN module (optional), max. up to 26 LAN ports
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45 + 2 x SFP+
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (+32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") [H] x 430 mm (16.93") [W] x 391 mm (15.39") [D]
Weight	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A/CE class A



Ordering Information

Standard	
NA720-RAMI-US (P/N: E26E7201000)	1U rackmount network appliance with Intel® Pentium® processor D1508, 8 GbE LANs, 2 x 10 GbE SFP+ and 2-pair LAN Bypass

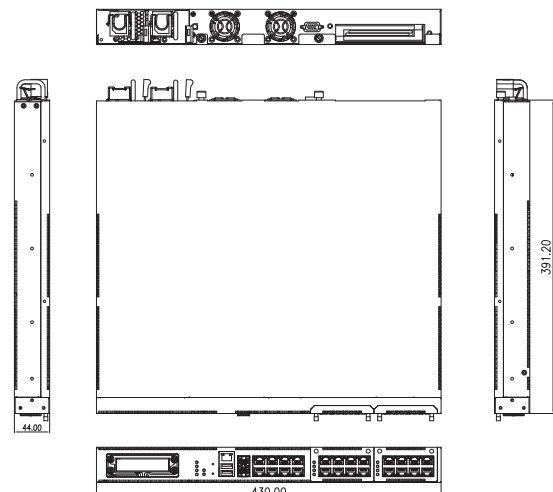
Optional	
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



NA345R

1U Rackmount Network Appliance Platform with Intel® Celeron® N3350 or Atom® x5-E3940 Processor up to 6 LANs

Features

- Intel® Celeron® N3350 or Atom® x5-E3940 processor (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Supports one 2.5" SATA3 HDD
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Celeron® N3350 or Atom® x5-E3940 processor (Apollo Lake)
Chipset	SoC Integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x mSATA 1 x 3.5" SATA HDD (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i211)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 6 x RJ-45 1 x HDMI
Other Features	LAN Bypass function through latch relay (one pair) LCM for optional
Expansion Slot	N/A
Watchdog Timer	255 levels for system reset 7 levels for LAN Bypass
Power Supply	65 W open frame
OS Compatibility	Win 10, Linux (Yocto project)

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (+32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	7 kg (15.43 lb)/8 kg (17.64 lb)
Certificates	FCC class B/CE class B



Ordering Information

Standard

NA345R-R6GI-N3350- 1U rackmount appliance with Intel® Celeron® US w/1 LBP N3350 processor, 6 GbE LANs and 1 LBP (P/N: E26E345101)

Optional

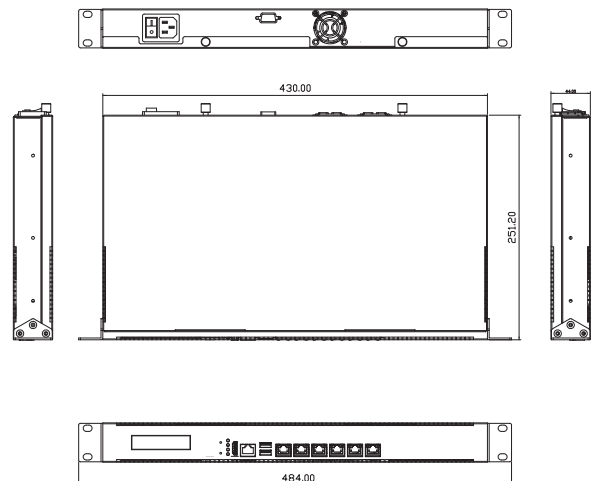
5916E552000E DB9F-RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



SOHO Network Appliances



NEW



Features \ Models		NA362	NA361	NA345	NA345E
Form Factor		1U Desktop	1U Desktop	1U Desktop	1U Desktop
Processor		Intel® Atom® C3000	Intel® Atom® C2358 (2C) (NA361FL by request)	Intel® Pentium® N4200 (4C) Intel® Celeron® N3350 (2C)	Intel® Celeron® N3350 (2C)
Chipset		SoC Integrated	SoC Integrated	SoC Integrated	SoC Integrated
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR3-1600	DDR3L-1866	DDR3L-1866
	Max Capacity	2 x DIMM up to 64G 4x DIMM up to 128G	Up to 16GB non-ECC/ECC	Up to 8GB non-ECC	Up to 8GB non-ECC
	Socket	2 x 288 pin R-DIMM/U-DIMM (Intel® C3338) 4 x 288 pin R-DIMM/U-DIMM (Intel® C3558/C3758)	2 x 240-pin U-DIMM	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM
Network Interface	Ethernet	6 x 10/100/1000 Mbps (default) and 2 or 4 x 10GbE SFP+ (depends on CPU)	6 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps (6 ports by request)	3 x 10/100/1000 Mbps
	LAN Bypass	1 pair (optional)	2 pairs (optional)	2 pairs (optional)	N/A
	Controllers	Intel® i210	Intel® i354 & i210	Intel® i211	Intel® i211
	LAN Module	N/A	N/A	N/A	N/A
Storage	HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	N/A
	CompactFlash™/CFAST™/mSATA	1 x mSATA	1 x CompactFlash™	1 x mSATA	1 x mSATA
I/O	USB	2 x USB 2.0	2 x USB 2.0	2 x USB 3.0	2 x USB 3.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		1 x 12V, 5A power adapter (Intel® C3338/C3558) 1 x 12V, 7A power adapter (Intel® C3758)	1 x 12V, 5A power adapter	1 x 12V, 5A power adapter	12V/5A
Expansion		1 x PCI Express Mini Card slot	1 x PCI Express Mini Card slot (USB interface)	1 x PCI Express Mini Card slot (USB interface)	N/A
VGA/HDMI		N/A	N/A	1 x HDMI (Optional)	N/A
Fanless		N/A	N/A	Yes (NA345FL only)	N/A
Operating Temperature		0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)
LCD Module		N/A	N/A	N/A	N/A
OS Support		Yocto, Linux	Yocto, Linux	Win 10, Linux	Win 10, Linux
Dimensions (H x W x D)		44 x 231 x 197 mm (1.73" x 9.09" x 7.76")	44 x 231 x 197 mm (1.73" x 9.09" x 7.76")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC



Features \ Models		NA343	NA342	NA130
Form Factor		1U Desktop	1U Desktop	1U Desktop
Processor		Intel® Celeron® N3060 (2C)	Intel® Celeron® J1900 (4C)	AMD G-series GX-210
Chipset		SoC Integrated	SoC Integrated	SoC Integrated
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR3L-1600	DDR3L-1333	DDR3L-1600
	Max Capacity	Up to 8GB non-ECC	Up to 8GB non-ECC	Up to 8GB non-ECC
	Socket	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM
Network Interface	Ethernet	4 x 10/100/1000 Mbps (6 ports by request)	4 x 10/100/1000 Mbps (6 ports by request)	4 x 10/100/1000 Mbps (6 ports by request)
	LAN Bypass	1 pair (optional)	2 pairs (optional)	1 pair (optional)
	Controllers	Intel® i211	Intel® i211	Realtek 8111G
	LAN Module	N/A	N/A	N/A
Storage	HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
	CompactFlash™/CFAST™/mSATA	1 x CFAST™	1 x CompactFlash™	1 x mSATA
I/O	USB	2 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		1 x 12V, 5A power adapter	1 x 12V, 5A power adapter	1 x 12V, 5A power adapter
Expansion		1 x PCI Express Mini Card slot (USB interface)	1 x PCI Express Mini Card slot (USB interface)	1 x PCI Express Mini Card slot (USB interface)
VGA/HDMI		Pin-header	Pin-header	Pin-header
Fanless		N/A	N/A	N/A
Operating Temperature		0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)
LCD Module		N/A	N/A	N/A
OS Support		Win8, Linux	Win7, WES7, Win8, WE8S, Linux	Win7, Win10, Cent OS, Ubuntu, FreeBSD
Dimensions (H x W x D)		44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")
Certificates		CE/FCC	CE/FCC	CE/FCC

NA362

Compact Network Appliance Platform with Intel® Atom® Processor C3000 Family and 10 GbE LANs

Features

- Intel® Atom® processor C3000 family (Denverston)
- Four DDR4 R-DIMM up to 128GB or U-DIMM up to 64GB memory
- Six 10/100/1000 Mbps Ethernet ports and four SFP+ ports
- Wi-Fi/3G/LTE through PCI Express Mini Card slot for optional
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications



Specifications

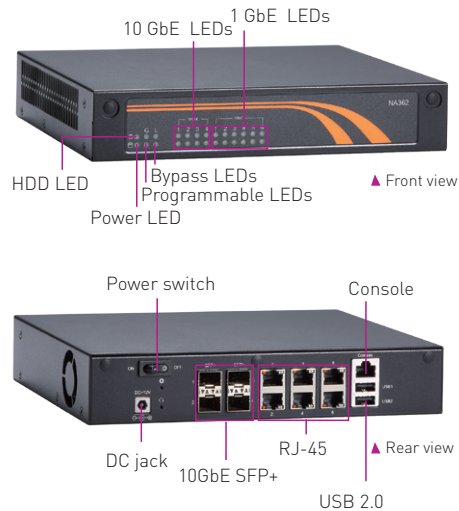
System	
CPU	Intel® Atom® processor C3338/C3558/C3758 (Denverston)
Chipset	SoC Integrated
Memory	4 x DDR4 R-DIMM (up to 128GB)/U-DIMM (up to 64GB), non-buffer non-ECC/ECC memory (C3558/C3758) 2 x DDR4 R-DIMM (up to 64GB)/U-DIMM (up to 32GB), non-buffer non-ECC/ECC memory (C3338)
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x mSATA
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i210) [C3338] 6 x 10/100/1000 Mbps Ethernet (Intel® i210) and 2 x 10 GbE SFP+ [C3558] 6 x 10/100/1000 Mbps Ethernet (Intel® i210) and 4 x 10 GbE SFP+ [C3758]
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card slot (PCIe interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter (C3338/C3558) 1 x 12V, 7A power adapter (C3758)
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76") (D)
Weight (net/gross)	1.64 kg (3.62 lb)/2.54 kg (5.60 lb) with 12V/5A adapter [C3338/C3558] 1.64 kg (3.62 lb)/2.69 kg (5.93 lb) with 12V/7A adapter [C3758]
Certificates	FCC class B/CE class B

Packing List

- 1 x DC power adapter 12V/5A or 12V/7A
- 1 x Power cord
- 1 x SATA cable



Ordering Information

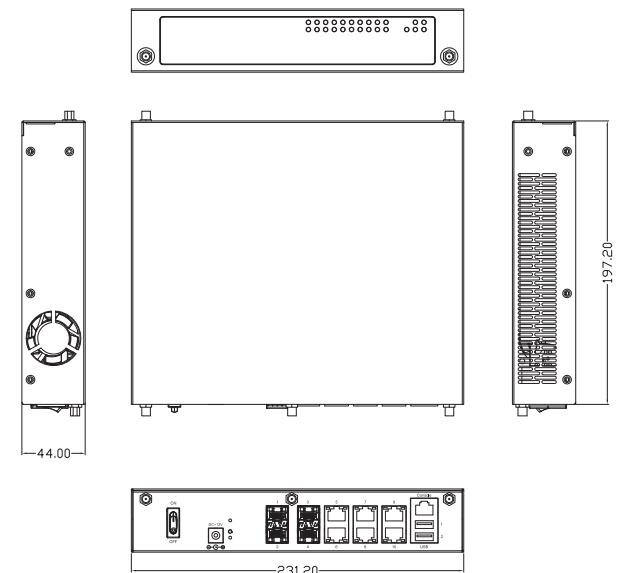
Standard	
NA362-D6GI-C3338-US w/o LBP (P/N: E26E362102)	1U compact network appliance with Intel® Atom® processor C3338, 2 R-DIMM/U-DIMM and 6 GbE LANs
NA362-D6GI-C3558-US w/o LBP (P/N: E26E362100)	1U compact network appliance with Intel® Atom® processor C3558, 4 R-DIMM/U-DIMM and 6 GbE LANs
NA362-D8MI-C3558-US w/o LBP (P/N: E26E362105)	1U compact network appliance with Intel® Atom® processor C3558, 4 R-DIMM/U-DIMM, 6 GbE LANs and two 10 GbE SFP+ ports
NA362-DAMI-C3758-US w/ LBP (P/N: E26E362101)	1U compact network appliance with Intel® Atom® processor C3758, 4 R-DIMM/U-DIMM, 6 GbE LANs and four 10 GbE SFP+ ports

Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Dimensions



NA362 for vCPE NEW

Compact Network Appliance Platform with Intel® Atom® Processor C3000 Family with Six GbE and Four SFP+ ports

Features

- Intel® Atom® processor C3000 family (Denverton)
- Four DDR4 R-DIMM up to 128GB or U-DIMM up to 64GB memory
- Six 10/100/1000 Mbps Ethernet ports and four SFP+ ports
- Wi-Fi/3G/LTE through PCI Express Mini Card slot
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, vRouter, firewall and other vCPE applications



Specifications

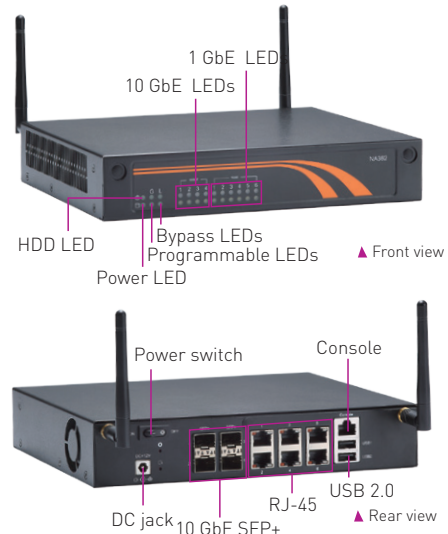
System	
CPU	Intel® Atom® processor C3558/C3758 (Denverton)
Chipset	SoC Integrated
Memory	4 x DDR4 R-DIMM (up to 128GB)/U-DIMM (up to 64GB), non-buffer non-ECC/ECC memory [C3558/C3758]
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA3 HDD
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i210) and 2 x 10 GbE SFP+ [C3558] 6 x 10/100/1000 Mbps Ethernet (Intel® i210) and 4 x 10 GbE SFP+ [C3758]
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card slot (USB interface) 1 x PCI Express Mini Card slot (USB + PCIe interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter [C3558] 1 x 12V, 7A power adapter [C3758]
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U desktop 2 x antenna holes (front) 3 x antenna holes (rear)
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76") (D)
Weight (net/gross)	1.64 kg (3.62 lb)/2.54 kg (5.60 lb) with 12V/5A adapter [C3558] 1.64 kg (3.62 lb)/2.69 kg (5.93 lb) with 12V/7A adapter [C3758]
Certificates	FCC class B/CE class B (Wi-Fi & LTE module are not included)

Packing List

- 1 x DC power adapter 12V/5A [C3558], 12V/7A [C3758]
- 1 x Power cord
- 1 x SATA cable



Ordering Information

Standard

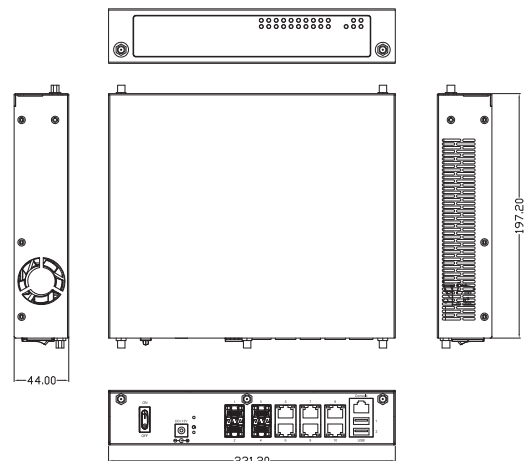
NA362-D6GI-C3558-US w/o LBP (P/N: E26E362100)	1U compact network appliance with Intel® Atom® processor C3558, 4 R-DIMM/U-DIMM and 6 GbE LANs
NA362-D8MI-C3558-US w/o LBP (P/N: E26E362105)	1U compact network appliance with Intel® Atom® processor C3558, 4 R-DIMM/U-DIMM, 6 GbE LANs and two 10 GbE SFP+ ports
NA362-DAMI-C3758-US w/ LBP (P/N: E26E362101)	1U compact network appliance with Intel® Atom® processor C3758, 4 R-DIMM/U-DIMM, 6 GbE LANs and four 10 GbE SFP+ ports

Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
84CWPE15200E	SPARKLAN-152GN 2.4G + BT COMBO MINIPICIE
5A2AP123560E	Wi-Fi half-size Mini Card AP12356/802.11AC+BT
5A2SIM71000E	4G MINIPICIE LTE SIMCOM 7100E
5A2SIM71010E	4G MINIPICIE LTE SIMCOM 7100C
5A2SIM71020E	4G MINIPICIE LTE SIMCOM 7100A
5A2SIM71030E	4G MINIPICIE LTE SIMCOM 7100JC
5A2SIM71040E	4G MINIPICIE LTE SIMCOM 7100JE
849MC730400E	4G MINIPICIE LTE SIERRA AIRPRIME MC7304
849MC735400E	4G MINIPICIE LTE SIERRA AIRPRIME MC7354
849MC743000E	4G MINIPICIE LTE SIERRA AIRPRIME MC7430
5A2MC745500E	4G MINIPICIE LTE SIERRA AIRPRIME MC7455

* Specifications and certifications may vary contingent on options.

Dimensions



* All specifications and photos are subject to change without notice.

NA361

Compact Network Appliance Platform with Intel® Atom® Processor C2358 and 6 GbE LANs

Features

- Intel® Atom® processor C2358 (Rangeley)
- Two DDR3-1600 U-DIMM, up to 16GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i354 & Intel® i210)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications



Specifications

System	
CPU	Intel® Atom® processor C2358 (2-core) (Rangeley)
Chipset	SoC Integrated
Memory	2 x DDR3-1600 U-DIMM, up to 16GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x mSATA (optional) 1 x CFast™ (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i354 & Intel® i210) 4 x RJ-45 + 2 x SFP (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card slot (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76")
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/CE class B



Ordering Information

Standard

NA361-D6GI-2358-US (P/N: E26E361100)	1U compact network appliance with Intel® Atom® processor C2358 and 6 GbE LANs
NA361-D6GI-2358-US w/ LBP (P/N: E26E361101)	1U compact network appliance with Intel® Atom® processor C2358 and 6 GbE LANs w/ LBP

Optional

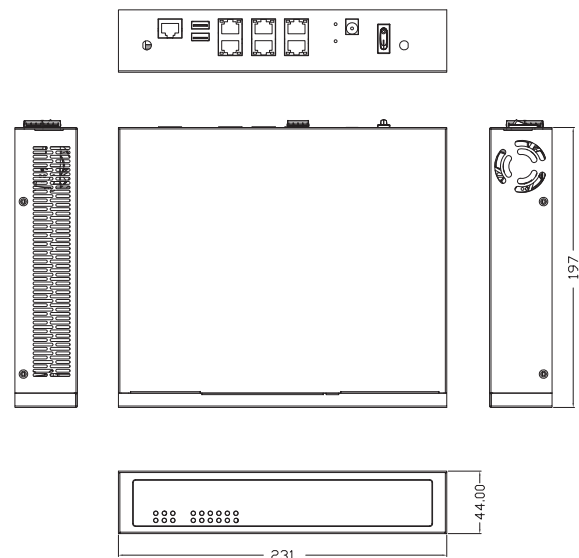
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA345

Desktop Network Appliance Platform with Intel® Pentium® Processor N4200/Celeron® Processor N3350 and 4 GbE LANs

Features

- Intel® Pentium® processor N4200/Celeron® processor N3350 (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card slot for optional
- Suitable for VPN, network bandwidth controller and firewall applications

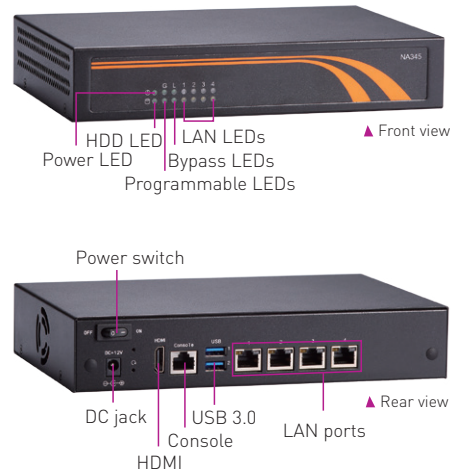


Specifications

System	
CPU	Intel® Pentium® processor N4200 (Apollo Lake) Intel® Celeron® processor N3350 (Apollo Lake)
Chipset	SoC Integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA 3 HDD 1 x mSATA
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 4 x RJ-45 1 x HDMI (optional)
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card slot (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win 10, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/CE class B



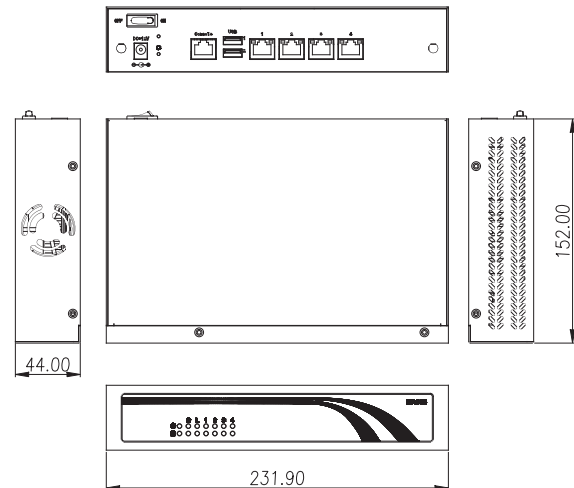
Ordering Information

Standard	
NA345-D4GI-N3350-US w/o LBP (P/N: E26E345100)	1U desktop network appliance with Intel® Celeron® processor N3350 and 4 GbE LANs
NA345-D4GI-N4200-US w/o LBP (P/N: E26E345102)	1U desktop network appliance platform with Intel® Pentium® processor N4200 and 4 GbE LANs
NA345-D6GI-N4200-US & HDMI w/ 2 LBP (P/N: E26E345103)	1U desktop network appliance platform with Intel® Pentium® processor N4200 and 6 GbE LANs w/ 2 LBP & HDMI
Optional	
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
* Specifications and certifications may vary contingent on options.	

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



* All specifications and photos are subject to change without notice.

NA345E NEW

Fanless Desktop Network Appliance Platform with Intel® Celeron® Processor N3350 1.10 GHz and 3 GbE LANs

Features

- Intel® Celeron® processor N3350 (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Three 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Celeron® processor N3350 (Apollo Lake) 1.10 GHz
Chipset	SoC Integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x mSATA
Network Interface	3 x 10/100/1000 Mbps Ethernet (Intel® i211)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 3 x RJ-45
Other Features	N/A
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win 10, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/CE class B

Ordering Information

Standard

NA345E-D3GI-N3350-US w/o LBP (P/N: E26E345104)	1U desktop network appliance with intel® Celeron® processor N3350 and 3 GbE LANs
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Optional

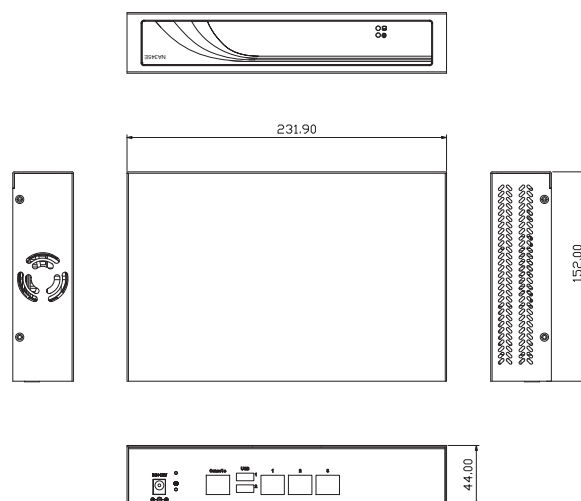
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord

Dimensions



NA343

Desktop Network Appliance Platform with Intel® Celeron® Processor N3060 and 4 GbE LANs

Features

- Intel® Celeron® Processor N3060 (Braswell)
- One DDR3L-1600 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller, firewall applications



Specifications

System	
CPU	Intel® Celeron® Processor N3060 (Braswell)
Chipset	SoC Integrated
Memory	1 x DDR3L-1600 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CFast™ 1 x mSATA (optional)
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interfaces)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win 8, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight(net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certificates	FCC class B/CE class B



Ordering Information

Standard

NA343-D4GI-3060-US 1U desktop network appliance with Intel® Celeron® processor N3060 and 4 GbE LANs (P/N: E26E343100)

Optional

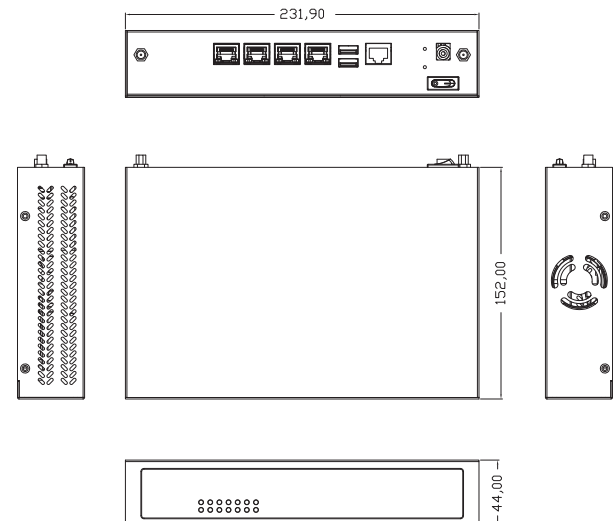
5916E552000E DB9F-RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA342

Desktop Network Appliance Platform with Intel® Celeron® Processor J1900 and 4 GbE LANs

Features

- Intel® Celeron® processor J1900 (Bay Trail)
- One DDR3L-1333 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card slot for optional
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Celeron® processor J1900 (Bay Trail)
Chipset	SoC Integrated
Memory	1 x DDR3L-1333 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request)
I/O Interface	1 x RS-232 (RJ-type) 1 x USB 2.0 1 x USB 3.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card slot (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win7, WES7, Win8, WE8S, Linux

Mechanical / Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certificates	FCC class B/CE class B



Ordering Information

Standard

NA342-D4GI-1900-B-US w/o LBP (PN: E26E342103)	1U desktop network appliance with Intel® Celeron® processor J1900 and 4 GbE LANs
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Optional

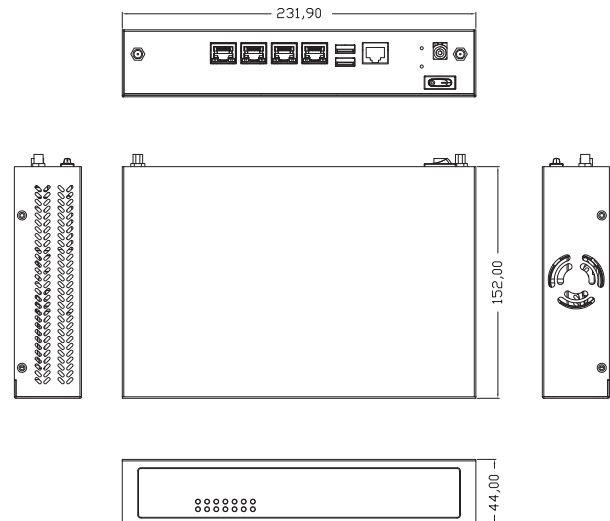
5916E552000E	DB9F-RJ-45 1.8M console cable
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* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA130

Desktop Network Appliance Platform with AMD G-Series Processor GX-210 (LX Family) and 4 GbE LANs

Features

- AMD G-Series LX processor
- One DDR3L-1600 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Realtek 8111G)
- Wi-Fi module through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller and firewall applications

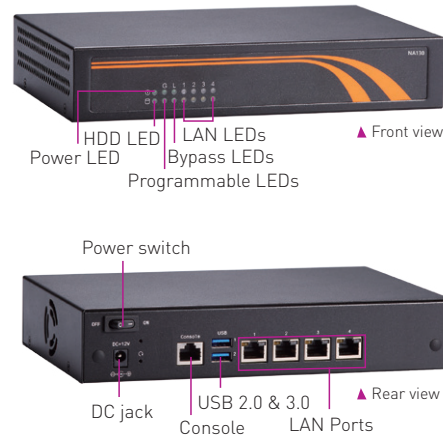


Specifications

System	
CPU	AMD G-Series processor GX-210 (LX Family)
Chipset	SoC Integrated
Memory	1 x DDR3L-1600 SO-DIMM max. up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x mSATA
Network Interface	4 x 10/100/1000 Mbps Ethernet (Realtek 8111G, optional 6 ports by request)
I/O Interface	1 x RS-232 (RJ-type) 1 x USB 2.0 1 x USB 3.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 levels for system reset 7 levels for LAN Bypass (optional)
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win7, Win10, Cent OS, Ubuntu, FreeBSD

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (+32°F ~ +104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/CE class B



Ordering Information

Standard

NA130-D4GR-GX210-US w/o LBP (P/N: E26E130100)	1U desktop network appliance with AMD G-series processor GX-210 and 4 GbE LANs
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Optional

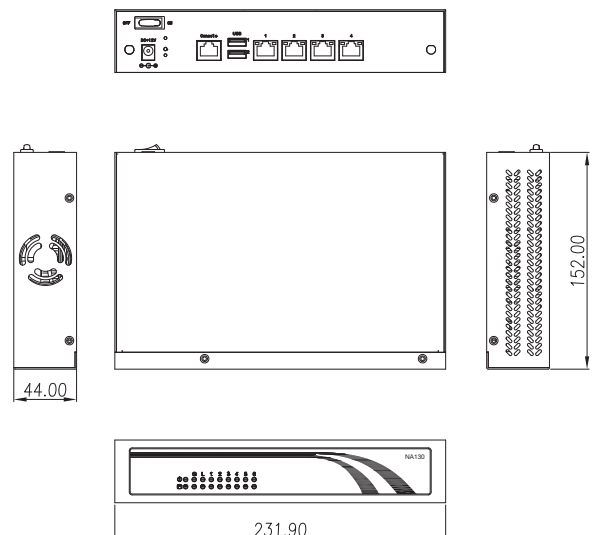
5916E552000E	DB9F-RJ-45 1.8M console cable
--------------	-------------------------------

* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



* All specifications and photos are subject to change without notice.



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