

Acrosser Technology Fall 2021

# New Network Appliance Products Launch

Firewall

UTM

SDN

VPN

NFV

NGFW

VCPE

SD-WAN

**Intel**  
Elkhart Lake  
Platform



*AND-EL6KE1*

**Intel**  
Apollo Lake  
N3350



*AND-APL1E1E2*

**Intel**  
Xeon E  
Core™ i7/i5/i3



*ANR-C246E1*

# Product Matrix



## New Network Appliance

Form Factor		1U Rackmount
Model Name		ANR-C246E1
System	CPU type	Intel® Xeon® E-2278GE Intel® 8/9th Gen Xeon E, Core™ i7/i5/i3
Chipset	Chipset	Intel® C246 PCH
Memory	Technology	2 x UDIMM DDR4
	Maximum support	64GB
Ethernet	SFP+ 10G Fiber	0
	RJ45 GbE	8
	Bypass	2
Expansion	PCIe	-
	Mini PCIe	1
	Networking Module	1 x Exp. NIM (1G/10G/40G, Fiber / Copper / Bypass)
LCM	LCM	LCD module with 4 buttons
Storage	HDD	2 x 2.5"/3.5" SATA-III
	M.2	-
I/O	Console	RJ45
	Video out	HDMI(Rear-Side)
	USB	2 x USB 3.2 Gen1.(Front-Side)
Dimension		430(W) x 44(H) x 200(D)mm
Thermal		PWM Smart Cooling Fan
Reference page		3

## New Network Appliance



Form Factor		Desktop	Microbox
Model Name		AND-EL6KE1	AND-APL1E1/E2
System	CPU type	Intel® Atom® J6412 Processor (4 core)	Intel® Apollo Lake Ce Ieron N3350, Atom E3940
Chipset	Chipset	Intel® Elkhart Lake SoC	Intel® Apollo Lake
Memory	Technology	1 x So-DIMM DDR4	On board 2GB LPDDR4 memory, Optional 1x SO-DIMM slot
	Maximum support	16GB	8GB
Ethernet	SFP GbE	1	0/0
	RJ45 GbE	4	4/4
	Bypass	-	1/0
Expansion	PCIe	-	-
	Mini PCIe	2 (WiFi & 4G)	0/1(4G)
	M.2	-	-
LCM	LCM	-	-
Storage	HDD	1 x 2.5" SATA-III	1x 2.5" SATA-III
	CF / CFast / M.2	-	-
I/O	Console	RJ45	RJ45
	Video out	HDMI	-
	USB	2 x USB 2.0	2 x USB 3.2 Gen1
Dimension		210mm x 44mm x 105mm	165mm x 40mm x 92mm
Thermal		Fanless	Smart Cooling Fan
Reference page		4	5

# New Network Appliance

Acrosser provides high-quality network server hardware for firewall, UTM, VPN, gateway security, VOIP, SDN/NFV, vCPE, SD-WAN white-box and other network security applications. Currently, Acrosser supplies customers with 2 main network product lines: 2U/1U Rackmount and Micro Box. These high-quality network server hardware and network appliances are ideal for all network security hardware and network communication applications. All products feature scalable platforms including Intel Atom SoC, Celeron, Core i CPU to Xeon processor with multi-core.



Intrusion Prevention



Anti-Spam



Firewall



Anti-Virus



VPN



Web Filtering



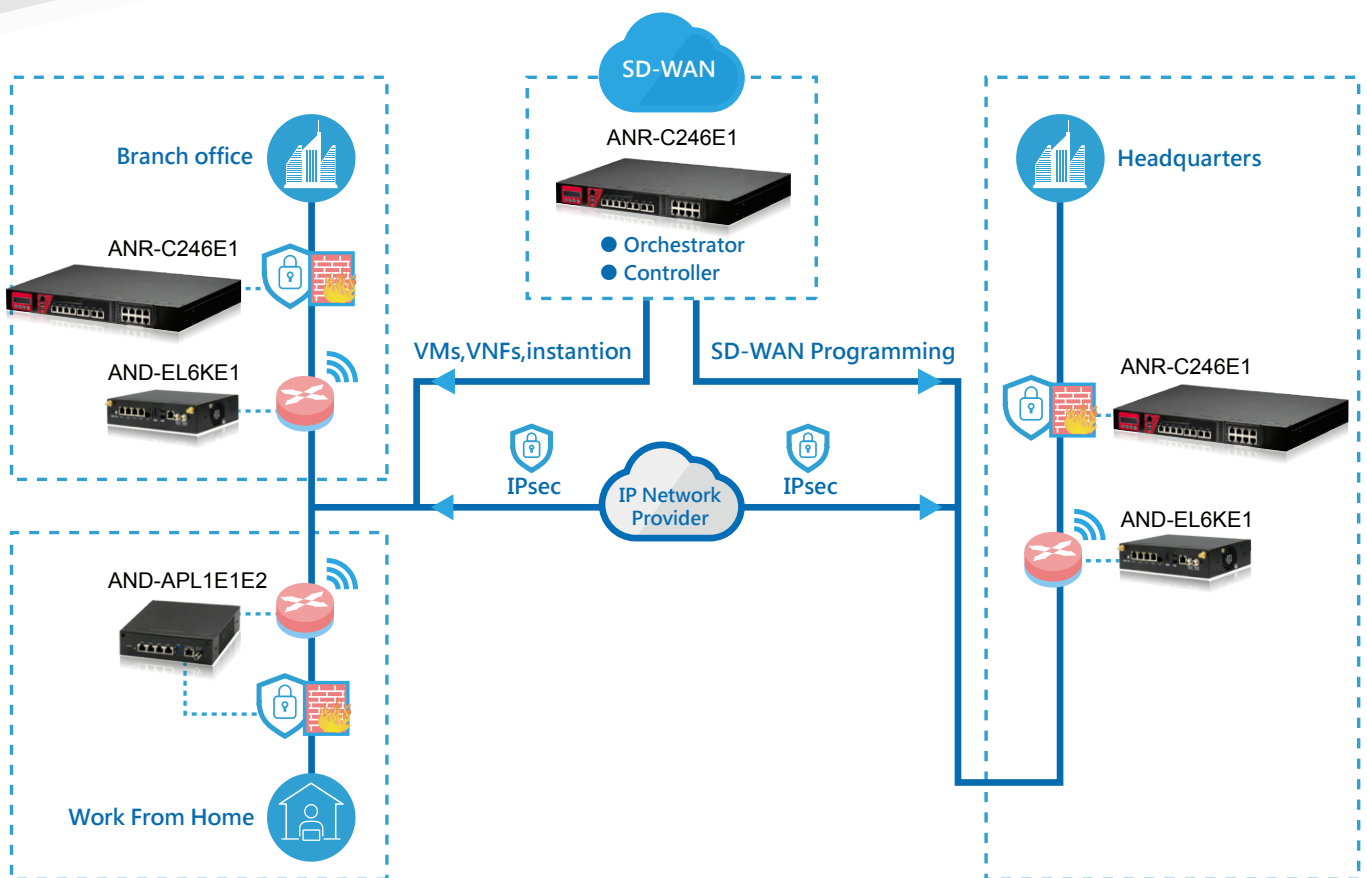
VOIP



SD-WAN

## Acrosser Network Product Application

(VPN, UTM, uCPE and SD-WAN solutions.)





# New Network Appliance



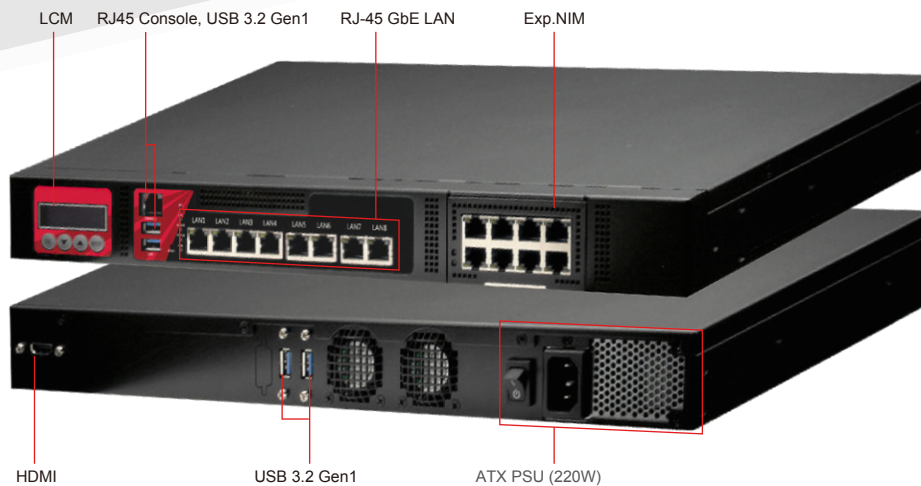
ANR-C246E1 ▶

The ANR-C246E1 rackmount network appliance is equipped with a power Intel® 8/9th Gen and Xeon E, Core™ i7/i5/i3 processors in smaller rackmount chassis of 430(W) x 44(H) x 200(D)mm dimension. This design can provide customers a more flexible choice in rackmount servers.

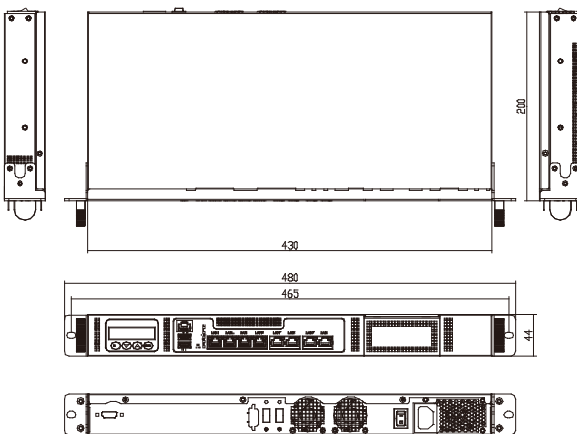
The ANR-C246E1 provides a more flexible server platform & system expansion versatility with 8x GbE copper LANs, 1 x expandable network interface modules (Exp. NIM), 1 Console, 2x USB 3.2 Gen 1, 2 x SO-DIMM DDR4, 2 x 2.5" SATA-III, and 1 x mPCIe/mSATA socket. The ANR-C246E1 is also equipped with an LCM display with 4-key buttons. Withing these powerful computing abilities and outstanding network communication abilities, ANR-C246E1 is perfect to apply to UTM, vCPE of SDN/NFV structure, fog node of cloud computing, and IoT gateway.

## ANR-C246E1

1U Rackmount Network server Intel® 8/9th Gen Coffee Lake-S Xeon E, Core™ i7, i5, i3, 1 Exp. NIM

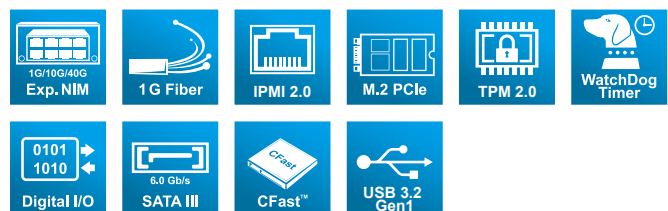


### Dimension



### Features

- Intel® 8/9th Gen Xeon E, Core™ i7/i5/i3
- 2 x SO-DIMM DDR4
- 1 x Exp. NIM (1G/10G/40G, Fiber/Copper/LAN Bypass)
- 8 x GbE Copper (RJ-45)
- 2 x 2.5" SATA-III
- 1 x mPCIe/mSATA socket



# New Network Appliance



AND-EL6KE1 ▶

The AND-EL6KE1 is equipped with the latest Intel® Celeron® J6000 /Pentium® N6000 series/Atom™ x6000E series processors (formerly Elkhart Lake). This new product is specially designed to satisfy every aspect of UTM, NGFW, firewall, VPN, SDN, NFV, vCPE, and SD-WAN service providers.

To enhance the product reliability, AND-EL6KE1 built a redundant power supply to prevent unpredictable accidents. To empower the connection ability, AND-EL6KE1 is equipped with 4 copper Gigabit RJ-45 LAN ports and 1 fiber SFP port, and also provides 6 antenna ports and 3 Mini PCIe slots (co-lay with M.2) to increase wireless flexibility. Up to three wireless modules can be installed at the same time in AND-EL6KE1 (including multiple Wi-Fi and Bluetooth networks and 4G and 5G cellular modules).

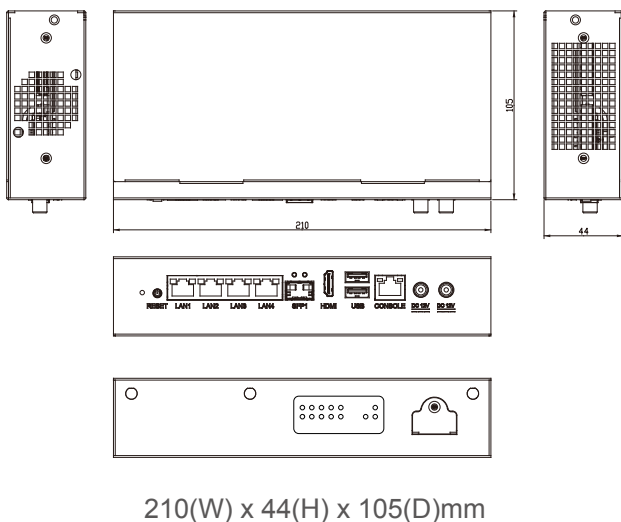
Overall speaking, AND-EL6KE1 is perfect for UTM, NGFW, firewall, VPN, SDN, NFV, vCPE, and SD-WAN.

## AND-EL6KE1

Intel® Elkhart Lake Platform, Desktop Networking Appliance

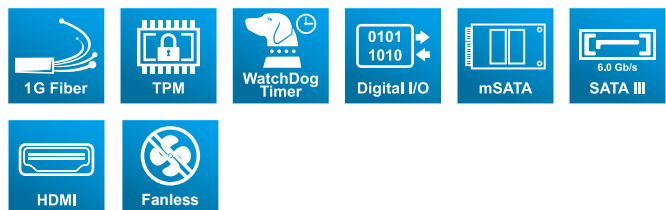


### Dimension



### Features

- Intel® Elkhart Lake Platform
- 4 core SoC
- 1 x SO-DIMM DDR4
- 1 x 2.5" SSD, & 1 x mSATA
- Fanless Design
- Dual DC-in for redundancy





# New Network Appliance



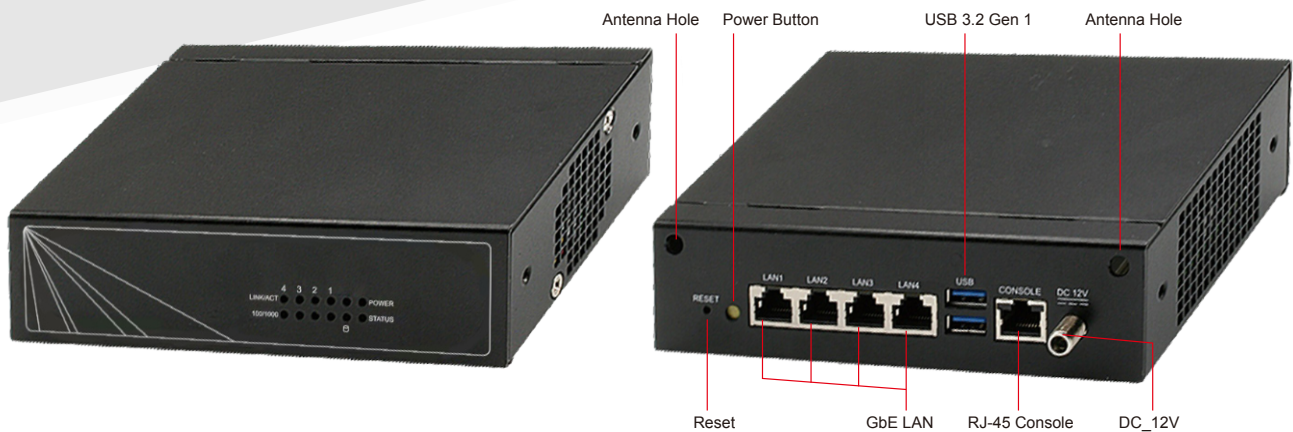
## AND-APL1E1/E2 ▶

The AND-APL1E1/E2 is a new ultra-compact network box with a 165 x 40 x 92 mm tiny size dimension. It is powered by Intel® N3350/E3940 SoC and designed to be easy to deploy in home offices, small businesses, and branch offices as well.

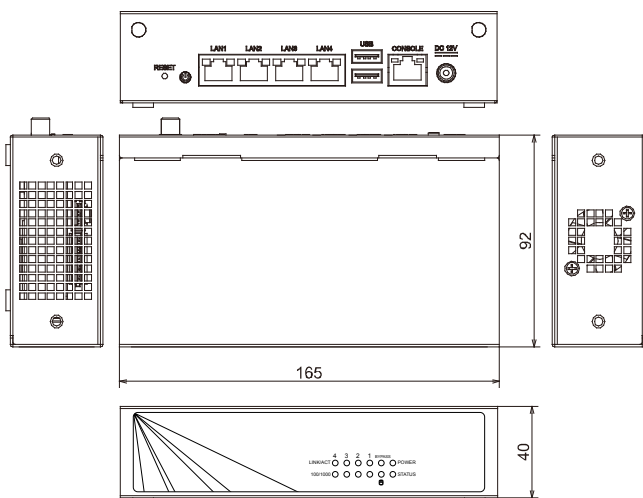
Even AND-APL1E1/E2 is such a small network box, Acorsser still designs it as a durable, reliable network appliance. It is definitely a good choice for budget buyers and ideal for deployment as a VPN, Firewall, SD-WAN, NAC, vCPE in any environment with a limited budget.

## AND-APL1E1/E2

Intel® Apollo Lake Networking Microbox



### Dimension



165(W) x 40(H) x 92(D)mm

### Features

- Intel® Apollo Lake Celeron N3350, Atom E3940
- On board 2GB LPDDR4 memory, Optional 1x SO-DIMM slot
- 4 x GbE, 2 x USB 3.2 Gen1
- 1 x Mini PCIe Expansion
- 1 x 2.5" SATA 3 bay, On board 8GB eMMC



CE FC



# Acrosser Technology Fall 2021 New Network Appliance Products Launch



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