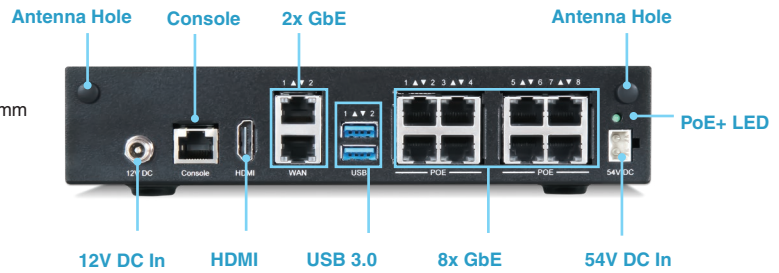




ANS-2121/41/42

Compact System with Intel® Apollo Lake E3900 series for SD-WAN solution



ANS-2121/41/42 series builds on Intel® Apollo Lake processor E3900 family with up to four CPU cores. ANS series is a compact system with up to 10x GbE ports and PoE+ support, it is suitable for SDN (SD-WAN) application with 5G and IoT devices deployment.

FEATURES

- Intel Atom® x5-E3940(4C)/ E3930(2C) Processor (Apollo Lake)
- 2x GbE RJ45, 8x GbE RJ45 (with PoE+ support by SKU)
- 1x RJ45 Console, 1x HDMI, 2x USB3.0
- 1x DDR3L 1866/1600/1333 MT/s ECC SO-DIMM up to 8GB
- 1x eMMC 16GB(on-board), 1x TPM2.0 (on-board)
- 1x Mini-PCIe(PCLe/ USB2.0), 1x M.2 Key-B Slot(PCLe/ USB3.0), 1x SATA III, 2x micro SIM
- Design ready for 5G and WiFi 6 (802.11ax)
- Compact design 2 in 1U rackmount



ORDERING GUIDE

AS1-3311	(R). ANS-2121. E3930 2-core. 16GB eMMC, 4x GbE LAN, 2x GbE WAN
AS1-3310	(R). ANS-2141. E3930 2-core. 16GB eMMC, 8x GbE LAN, 2x GbE WAN
AS1-3309	(R). ANS-2141P. E3930 2-core. 16GB eMMC, 8x GbE LAN, 2x GbE WAN, PoE+ (PoE Adapter is required)
AS1-3308	(R). ANS-2142. E3940 4-core. 16GB eMMC, 8x GbE LAN, 2x GbE WAN
AS1-3307	(R). ANS-2142P. E3940 4-core. 16GB eMMC, 8x GbE LAN, 2x GbE WAN, PoE+ (PoE Adapter is required)



General

Processor	- Intel® Apollo Lake E3930(2C) for ANS-2121/ANS-2141 - Intel® Apollo Lake E3940(4C) for ANS-2142
BIOS	AMI UEFI BIOS
Memory	1x DDR3L 1866/1600/1333 MT/s ECC SO-DIMM up to 8GB
Storage	1x eMMC 16GB on-board 1x SATA III port for 2.5" HDD/SSD or SATADOM
Expansion	- 1x Half-size Mini-PCIe slot with PCIe and USB2.0 signals - 1x M.2 Key-B slot with PCIe and USB3.0 signals - 2x SIM slot
Security	TPM 2.0

External I/O

Console	1x RJ45
USB	2x USB 3.0
Ethernet	- 6x GbE RJ45 (RTL8111H) for ANS-2121 - 10x GbE RJ45 (RTL8111H) for ANS-2141/ANS-2142
PoE+ Ethernet (Optional)	- 270W power support up to 4x GbE RJ45 PoE+ (ANS-2121P) - 270W power support up to 8x GbE RJ45 PoE+ (ANS-2141P/ANS-2142P)
Display	1x HDMI, resolution up to 4Kx2K@60Hz
Other	6x SMA Antenna holes for WiFi or LTE/5G module

Power Adapter

System	40W Power Adapter, 110-220V AC input, 12V DC output
PoE+	270W Power Adapter, 90-264V AC input, 54V DC output (PoE+ Model only)

Mechanical

Dimension	217 (W) x 168 (D) x 44 (H) mm
Weight	3.5Kg
Mounting	Desk, Wall mount

Environmental

Operating Temperature	0°C ~ 40°C
Storage Temperature	-10°C ~ 70°C
Relative Humidity	10% ~ 90%@40°C, non-condensing
Certification	CE, FCC, LVD