

AND-APL1E

Intel® Apollo Lake Networking Microbox



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



Power Requirement

Power Input	DC in 12V / Adapter
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Software

OS Support	Linux Kernel 4.1.27
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Mechanical & Environment

Dimension	165 x 92 x 40 mm
Operating Temp.	0~40°C
Storage temp.	-20~80°C

Model

AND-APL1E1	Intel Celeron N3350 Dual Core SoC 4x GbE, 1 pair LAN Bypass 2x USB 3.2 Gen1, 1x SATA3,
AND-APL1E2	Intel Atom E3940 Quad Core SoC 4x GbE, 2x USB 3.2 Gen1, 1x SATA3, 1x mPCIe for WiFi or 4G

Specification

System

CPU	1. Intel® Atom®E3940 Quad-core, clock speed 1.6GHz 2. Intel® Celeron® N3350, Dual-core, clock speed 2.41GHz
Memory	On board 2GB LPDDR4 memory. Optional 1x DDR3L SO-DIMM slot, Max. 8GB(for E3940)
BIOS	AMI UEFI
WatchDog Timer	Software programmable 1~255 sec.

Video

Graphic Controller	Integrated graphics support for processors with Intel Graphics Technology
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Ethernet

Chipset	4 x Intel® i210
Connector	4 x GbE RJ-45 with LED
LAN bypass	1 pair Bypass (for N3350)

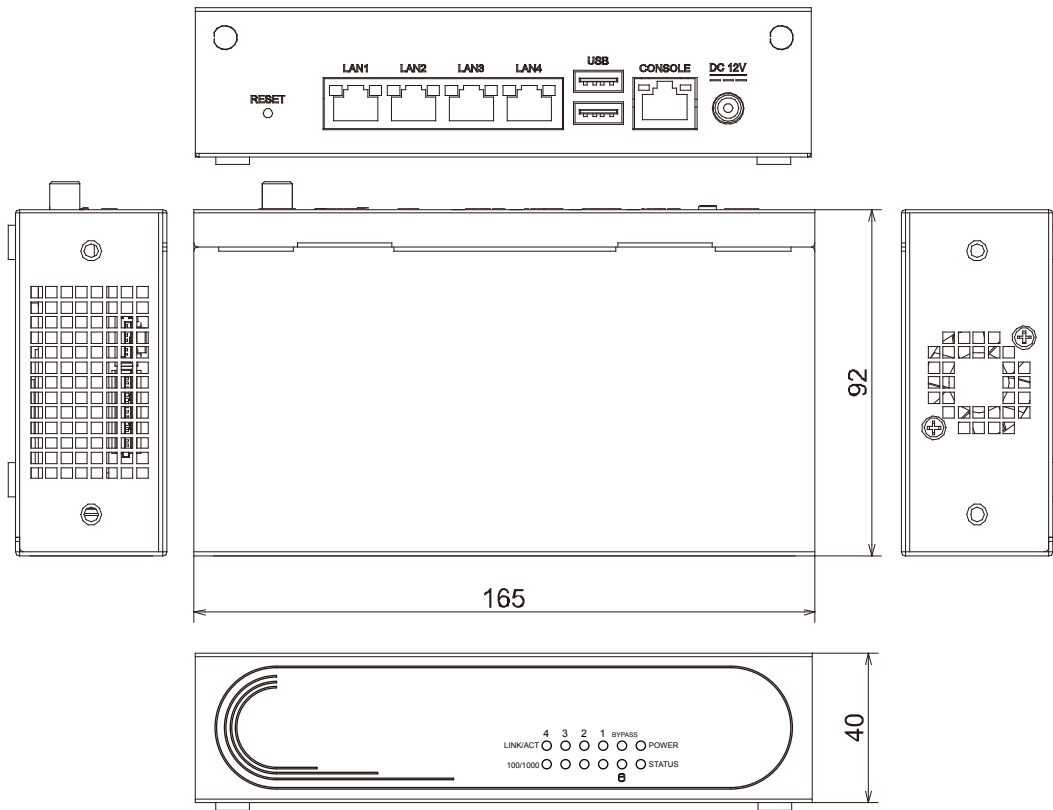
Storage

SATA	1 x SATAIII port
EMMC	On board 8GB eMMC
HDD Bay	1 x 2.5" HDD Bay

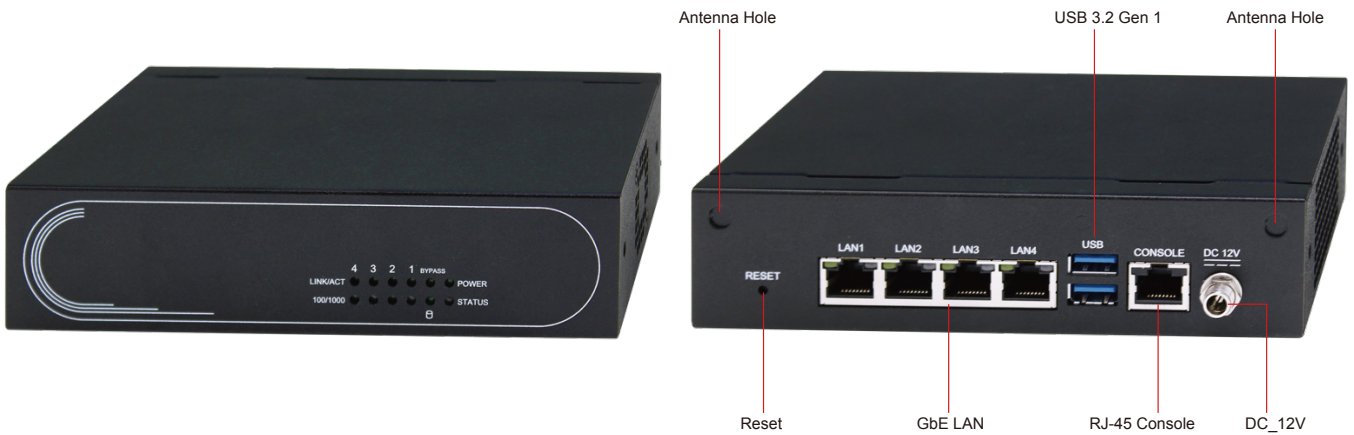
I/O

Expansion	1 x Mini PCIe socket with SIM socket (for E3940)
Console Port	1 x Console (1 x RJ45)
USB	2 x USB 3.2 Gen1
Antenna Hole	Optional 2 x SMA for Wi-Fi (or 4G) (for E3940)

Dimension



I/O Connectors



Packing List

• 1 x AND-APL1E-system
• 1 x SATA Cable
• 1 x SATA Power Cable
• 1 x Power Adaptor
• 1 x Power Cord (Option for USA/UK/EU/JPN/AU/RSA)

Ordering Information

AND-APL1E1	Intel Celeron N3350 Dual Core SoC 4x GbE, 1 pair LAN Bypass 2x USB 3.2 Gen1, 1x SATA3,
AND-APL1E2	Intel Atom E3940 Quad Core SoC 4x GbE, 2x USB 3.2 Gen1, 1x SATA3, 1x mPCIe for WiFi or 4G