

AND-J190/J180N1/2

Microbox Intel® Celeron® Bay Trail J1900/J1800 Networking,
6/4 x GbE LANs



Features

- Intel® Celeron® Bay Trail J1900/J1800
- 6/4 x GbE, 4 x USB
- 2 x SMA for Wi-Fi IEEE 802.11a/b/g/n/ac
- 2 x mini PCIe Expansion, 1 x SIM Slot
- 2 x COM
- 8 x GPIO



Power Requirement

Power Input 1 x DC 12V input (1 x 2.5 DC jack)

Software

OS Support Windows 7 / Windows 8 / Linux

Mechanical & Environment

Dimension 234.6 x 151.4 x 43.5 mm

Operating Temp. 0~40°C

Storage temp. -20~75°C

Safety CE, FCC class A

Specification

System

CPU	1. Intel® Celeron® Bay Trail J1900, Quad-core, clock speed 2.0GHz 2. Intel® Celeron® Bay Trail J1800, Dual-core, clock speed 2.41GHz
Memory	1 x DDR3L-1600MHz, SO-DIMM, up to 8GB
BIOS	AMI UEFI
WatchDog Timer	Software programmable 1~255 sec.

Video

Graphic Controller	Integrated graphics support for processors with Intel Graphics Technology
Video Interface	1 x VGA (1 x internal header)

Ethernet

Chipset	6 x Intel GbE chip
Connector	6 x RJ45 with LED
Bypass LAN	Yes (one pair)

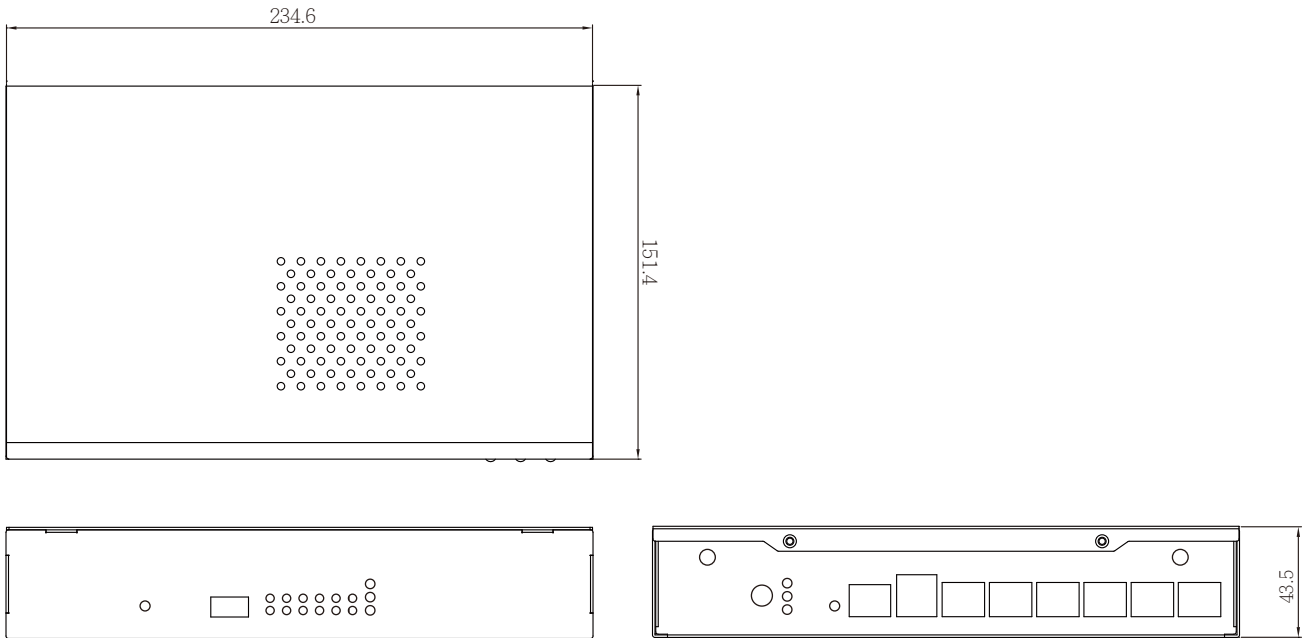
Storage

SATA	1 x SATAII port
Compact Flash	1 x Compact Flash Type II socket
HDD Bay	1 x 2.5" HDD Bay

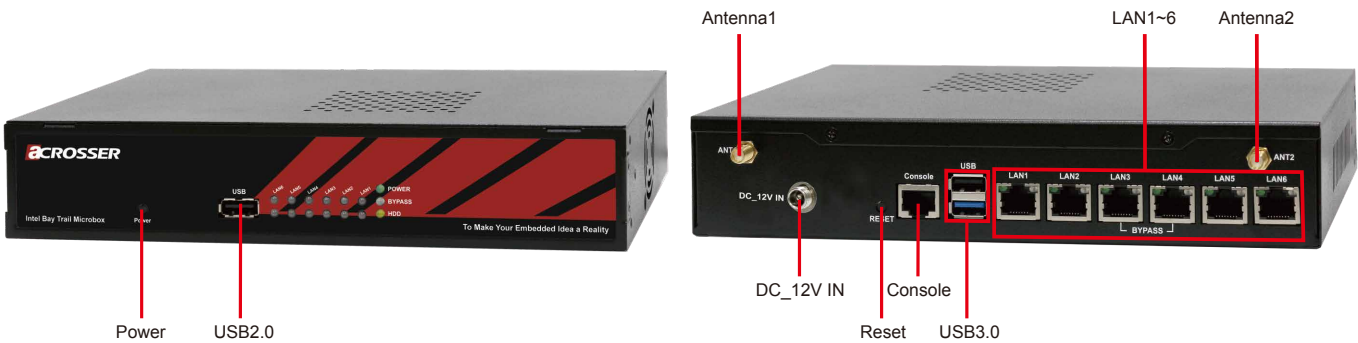
I/O

Expansion	2 x mini PCIe slot
Console Port	1 x Console (1 x RJ45)
USB	1 x USB 3.0, 3 x USB 2.0 (2 x external)
Antenna Hole	2 x SMA for Wi-Fi (IEEE 802.11a/b/g/n/ac)

Dimension



I/O Connectors



Packing List

- 1 x AND-J190N1, 1 x AND-J180N1 (6LAN SKU)
- 1 x AND-J190N2, 1 x AND-J180N2 (4LAN SKU)
- 1 x Driver CD
- 1 x Quick Guide
- 1 x Console Cable (DB9)
- 1 x SATA Cable
- 1 x SATA Power Cable
- 2 x SMA Antenna
- 1 x Power Adaptor
- 1 x Power Cord (Option for USA/UK/EU/JPN/AU/RSA)

Ordering Information

AND-J190N1	Microbox with Intel® Celeron® Bay Trail J1900, DDR3L, 6 x GbE, USB 2.0/USB 3.0, SATA II, CF, mini PCIe
AND-J190N2	Microbox with Intel® Celeron® Bay Trail J1900, DDR3L, 4 x GbE, USB 2.0/USB 3.0, SATA II, CF, mini PCIe
AND-J180N1	Microbox with Intel® Celeron® Bay Trail J1800, DDR3L, 6 x GbE, USB 2.0/USB 3.0, SATA II, CF, mini PCIe
AND-J180N2	Microbox with Intel® Celeron® Bay Trail J1800, DDR3L, 4 x GbE, USB 2.0/USB 3.0, SATA II, CF, mini PCIe