

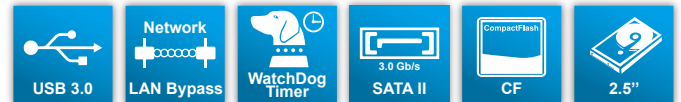
AND-J190/J180N2-C612

Intel® Celeron® Bay Trail J1900/J1800 Networking Microbox,
DDR3L, GbE, USB 3.0, SATA II, CF, Mini PCIe



Features

- Intel® Celeron® Bay Trail J1900/J1800
- 1 x 204-pin DDR3L-1600 MHz, 1 x SO-DIMM Slot, Up to 8GB
- 6 x GbE, 3 x USB
- 1 x Mini PCIe Expansion
- 1 x COM (1 x internal header)
- 8 x GPIO



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 204-pin SO-DIMM socket support 1600MHz DDR3L 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 (2-pair: LAN3&LAN4, LAN5&LAN6)

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

Power Requirement

Power Input	DC in 12V / 60W Adapter
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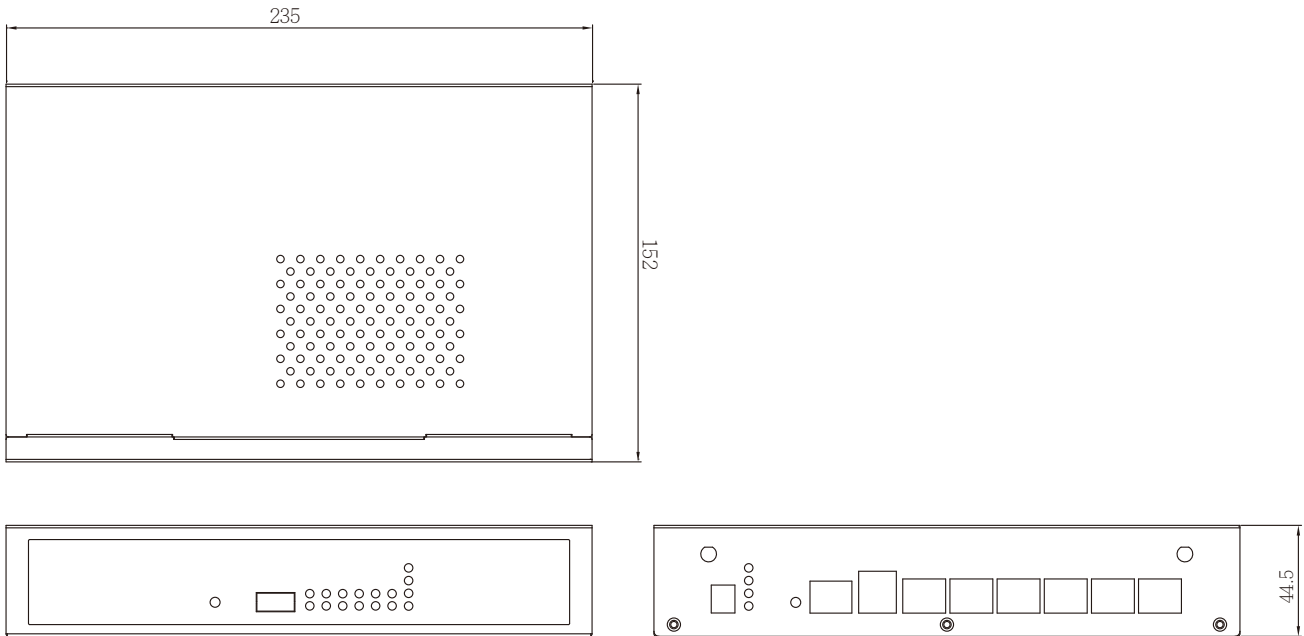
Software

OS Support	1. Windows 7 (32/64-bit) 2. Linux Kernel 3.11 (32/64-bit)
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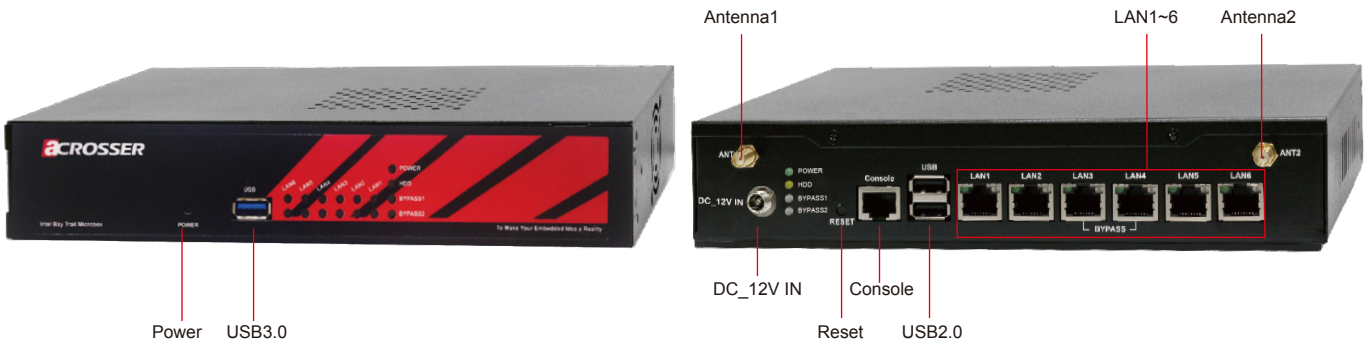
Mechanical & Environment

Dimension	235 x 152 x 44.5 mm
Operating Temp.	0~40°C
Storage temp.	-20~80°C

Dimension



I/O Connectors



AND-J190/J180N2-C612

Packing List

- 1 x AND-J190/J180N2-C612 system
- 1 x Driver CD
- 1 x Console Cable (DB9)
- 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/IND)

Option

- | | |
|-----------------|---|
| AND-J190N2-C612 | 2GB DDR3L-1600 memory (non-ECC SO-DIMM) |
| AND-J180N2-C612 | 4GB DDR3L-1600 memory (non-ECC SO-DIMM) |
| | 8GB DDR3L-1600 memory (non-ECC SO-DIMM) |

Ordering Information

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|-----------------|---|
| AND-J190N2-C612 | Intel® Celeron® Bay Trail J1900/J1800 Networking |
| AND-J180N2-C612 | Microbox, DDR3L, GbE, USB 2.0/USB 3.0, SATA II, CF, Mini PCIe |