

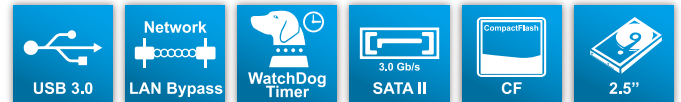
AND-J190/J180N2-C612

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-1333 MHz, 1 x SO-DIMM Slot, Up to 8GB
- 6 x GbE, 3 x USB
- 1 x Mini PCIe Expansion
- 2 x COM
- 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 1333MHz 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, 3 x USB 2.0 (2 x external) |
| Antenna Hole | 2 x SMA for Wi-Fi (IEEE 802.11a/b/g/n/ac) |

Power Requirement

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|-------------|-------------------------|
| Power Input | DC in 12V / 60W Adapter |
|-------------|-------------------------|

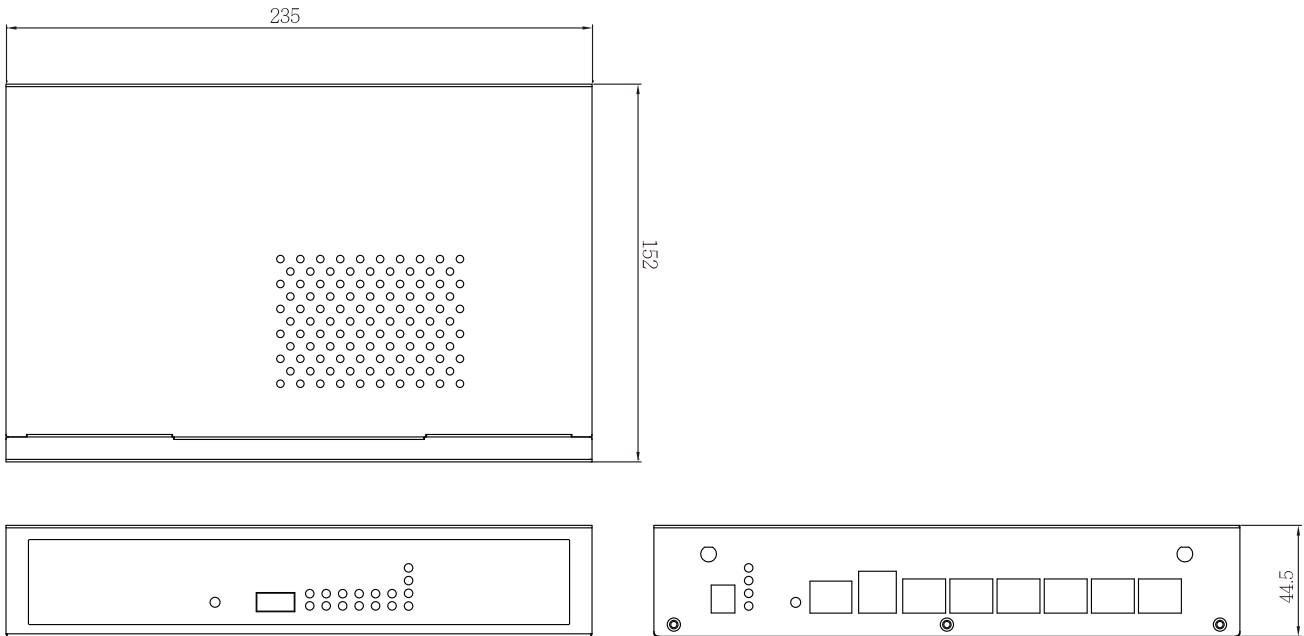
Software

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

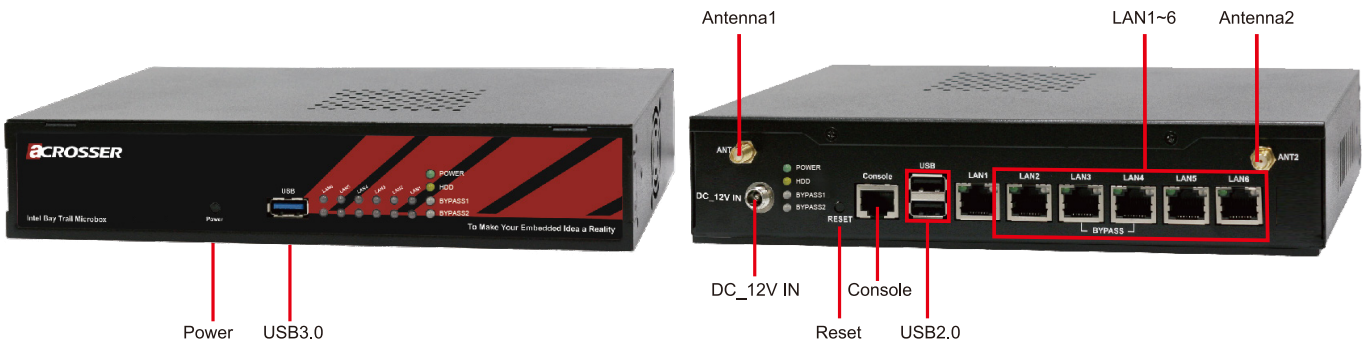
Mechanical & Environment

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

Dimension



I/O Connectors



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-1333 memory (non-ECC SO-DIMM) |
| AND-J180N2-C612 | 4GB DDR3L-1333 memory (non-ECC SO-DIMM) |
| | 8GB DDR3L-1333 memory (non-ECC SO-DIMM) |

Ordering Information

- | | |
|-----------------|---|
| 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 |