

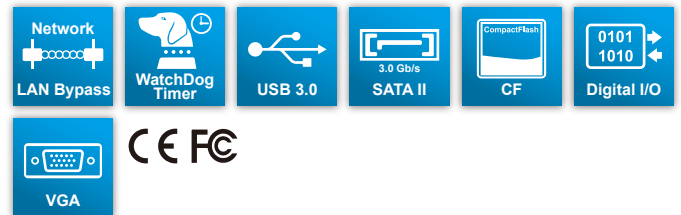
AND-G420/G412N1 & AND-L218N1

Networking Microbox, AMD® G-Series GX-420MC/GX-412TC/412HC/GX-218GL,
6 x Intel® GbE LAN (2-pair bypass).



Features

- AMD® G-Series GX-420MC, 4-core@2.0GHz, 2MB L2
- AMD® G-Series GX-412TC, 4-core@1.2GHz, 2MB L2
- AMD® G-Series GX-412HC, 4-core@1.2GHz, 2MB L2 with GPU
- AMD® G-Series GX-218GL, 2-core@1.8GHz, 1MB L2 with GPU
- 2 x 204-pin SO-DIMM socket, DDR3-1600 MHz, Up to 16GB
- 6 x Intel® GbE LAN
- 2 x USB 3.0
- 2 x USB 2.0 (internal pin header)
- 1 x Console (RJ45)
- 8 x GPIO (4-In, 4-Out) internal pin header
- 1 x VGA (depends on CPU)



Specification

System

CPU	AMD® G-Series GX-420MC, 4-core@2.0GHz, 2MB L2 AMD® G-Series GX-412TC, 4-core@1.2GHz, 2MB L2 AMD® G-Series GX-412HC, 4-core@1.2GHz, 2MB L2 with GPU AMD® G-Series GX-218GL, 2-core@1.8GHz, 1MB L2 with GPU
Memory	2 x 204-pin SO-DIMM socket support 1600MHz DDR3 up to 16GB
BIOS	AMI® UEFI BIOS
WatchDog Timer	Software programmable 0~255 sec. (0=Disable Timer)

Ethernet

Chipset	6 x Intel® I210-AT GbE chip
Connector	6 x RJ45 with LED
LAN Bypass	2-pair(LAN1&LAN2, LAN3&LAN4)

Storage

SATA	1 x SATAII port
Compact Flash	1 x Compact Flash Type-II socket (Support UDMA)
HDD Bay	1 x 2.5" HDD Bay

I/O

Console Port	1 x Console (RJ45)
USB	2 x USB 3.0
USB	2 x USB 2.0 (internal pin header)
GPIO	8-bit GPIO (4-In, 4-Out) internal pin header
VGA	1 x VGA (depends on CPU)

Power Requirement

Power Input	1 x DC 12V/60W input
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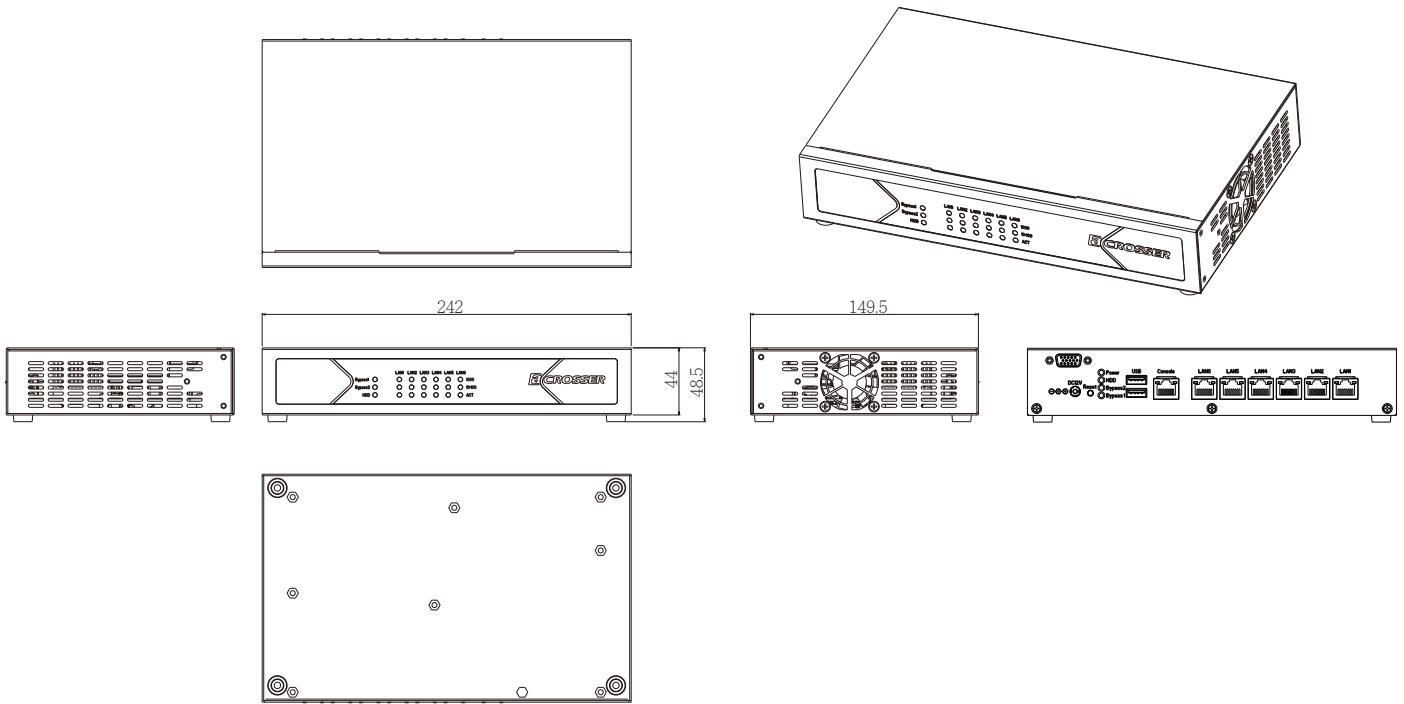
Software

OS Support	<ul style="list-style-type: none"> • Ubuntu 14.04 (32/64-bit) • Linux Kernel 3.13 (32/64-bit) • Fedora 20 (32/64-bit) • Linux Kernel 3.11 (32/64-bit)
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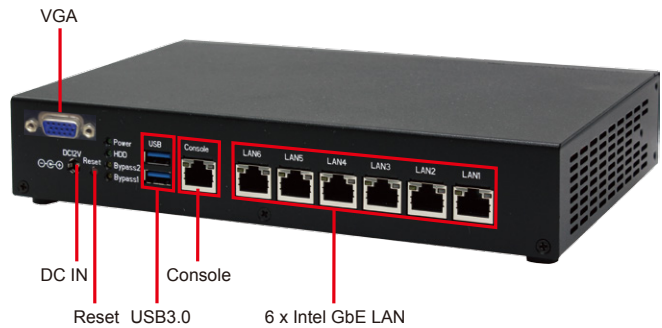
Mechanical & Environment

Dimension	242 x 149.5 x 44mm
Operating Temp.	0~40°C (32~104°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @40°C, non-condensing
EMC & Safety	CE, FCC class A

Dimension



I/O Connectors



Packing List

- 1 x AND-G420N1 System
- 1 x Console Cable
- 1 x Quick User Manual
- 1 x CD with Driver and Manual
- 1 x Power Adaptor
- 1 x Power Cord (Option for US/EU/UK/JPN)
- 1 x Screw Pack
- 1 x Pull-tab Opener

Ordering Information

AND-G420N1	Networking Microbox, AMD® G-Series GX-420MC, 6 x Intel GbE LAN (2-pair bypass)
AND-G412N1	Networking Microbox, AMD® G-Series GX-412TC, 6 x Intel GbE LAN (2-pair bypass)
AND-G412N1V	Networking Microbox, AMD® G-Series GX-412HC, 6 x Intel GbE LAN (2-pair bypass)
AND-L218N1	Networking Microbox, AMD® G-Series GX-218GL, 6 x Intel GbE LAN (2-pair bypass)