



JOLLY J3455

FANLESS IPC

- Intel® Apollo Lake SoC Processor - **J3455**
- **8GB RAM**
- **Multiple variants of front panel I/O available**
(up to 10x GbE / up to 8x COM / up to 32bit GPIO / + 4x USB3.0)
- WallMount + DIN Rail
- Power IN **+12V**
- 2x Intel® Gigabit Ethernet LAN
- 2x 4K Video interface (HDMI)



MAINBOARD

CPU: Intel® Celeron J3455
(4C/4T) 1.5GHz - 2.3GHz, 10W

MEMORY

Capacity: 8GB
Frequency: 1866 MHz
Type: 1x SO-DIMM DDR3L

STORAGE

SATA: 1x SATA3
M.2: 1x M.2 M-Key (2280)
Storage Bay: 1x Internal 2.5" SSD Bay

I/O INTERFACE

Serial ports: 2x COM RS232 (default)
Up to 8x RS232/422/485
(refer to the section "Available versions")

USB ports: 4x USB 3.0 (default)
+ 4x USB 3.0
(refer to the section "Available versions")

Mini-PCIe: 2x Full size

AUDIO: 1x Line-out / MIC-in Jack

VIDEO

GPU: Intel® HD Graphics
Interface: 2x HDMI 1.4 (Up to 3840x2160 @30Hz)

ETHERNET

LAN: 2x Intel i211AT Gigabit LAN (default)
Up to 8x i211AT Gigabit LAN
(refer to the section "Available versions")

POWER

Power in: +12V, DC-in (Locking Jack)
Power consumption: 20W max
Adapter: AC_90~240V / DC_12V_5A/60W

MECHANICAL

Material: Lightweight aluminum alloy
with extruded aluminum IO panel

Dimensions: (W)185 x(D)165 x(H)48mm

Weight: 2.2Kg

Mounting: WallMount + DIN Rail

ENVIRONMENT

Operating temp.: 0°C to 50°C
Storage temp.: -20°C to 85°C
Humidity: 10% to 90% RH @40°C, non-condensing
EMC: CE, FCC, RoHS, LVD, ErP Ready

SARC ITALIA SRL

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Available versions

JOLLY J3455 - 02L-02C-00G-4U



JOLLY J3455 - 02L-06C-16G-4U



JOLLY J3455 - 10L-02C-00G-4U



JOLLY J3455 - 02L-06C-00G-8U



JOLLY J3455 - 06L-02C-16G-4U



JOLLY J3455 - 02L-06C-00G-4U



JOLLY J3455 - 06L-02C-00G-8U



JOLLY J3455 - 02L-02C-32G-4U



JOLLY J3455 - 06L-06C-00G-4U



JOLLY J3455 - 02L-02C-16G-8U



JOLLY J3455 - 02L-10C-00G-4U



JOLLY J3455 - 06L-02C-00G-4U



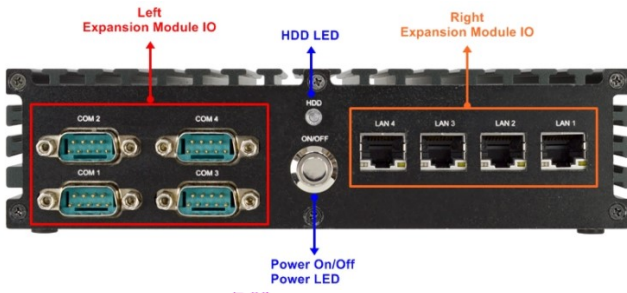
JOLLY J3455 - 02L-02C-16G-4U



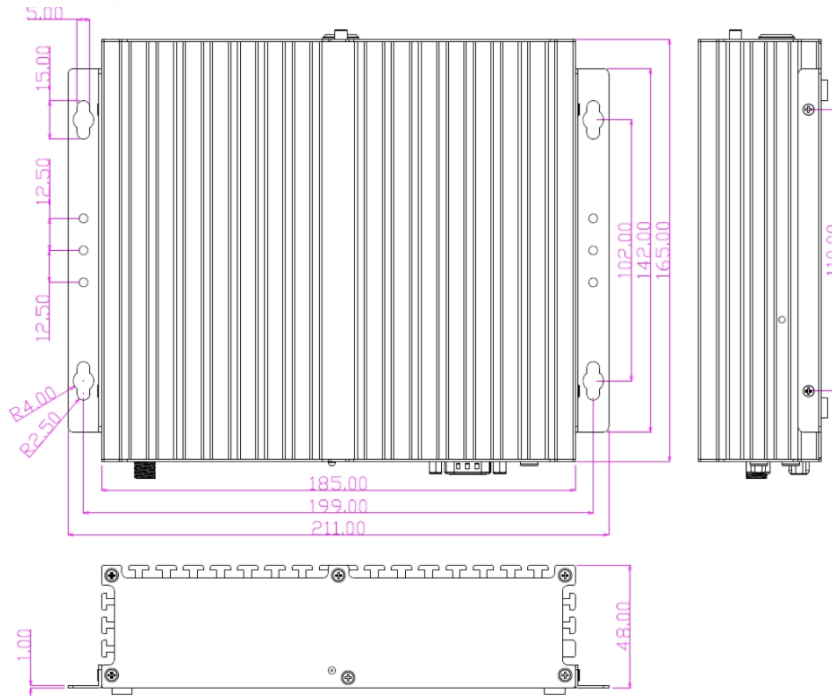
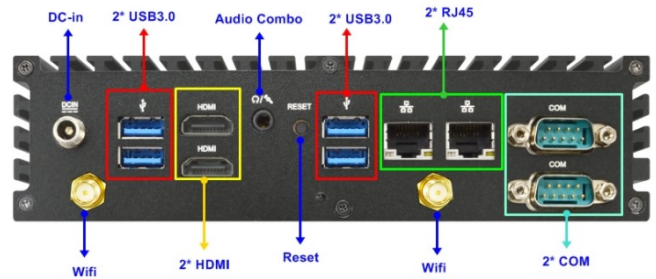
JOLLY J3455 - 02L-02C-00G-8U



Front



Rear



Accessories Included:

- WALL + DIN Rail Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WiFi Antenna (optional WIFI version)
- Screw pack

Compatible OS:

MS WINDOWS (64bit)

- Windows 10
- **Windows 10 Enterprise LTSC (IoT)**
- Windows 11
- Windows 11 Enterprise LTSC (IoT)



LINUX *

- CentOS 8
- Debian 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense 2.4.4
- Android x86 8.1_rc2
- VMware ESXI 6.5



* Linux distributions tested with the IPC.

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