



TRUD J4105

FANLESS IPC

- Intel® Celeron J4105 Quad-Core 1.5GHz - 2.5GHz (10W)
- 1x DDR4 2400 MHz 8GB RAM
- 32GB eMMC + M.2 SATA
- 1x Gigabit Ethernet LAN
- WIFI (Standard) or 4G/LTE (on request)
- 2x 4K Video interface (HDMI)



MAINBOARD

CPU: Intel® Celeron J4105
Quad-Core 1.5GHz - 2.5GHz (10W)

MEMORY

Capacity: 8GB
Frequency: 2400 MHz
Type: 1x SO-DIMM DDR4

STORAGE

eMMC: 1x 32GB eMMC
M.2: 1x M.2 SATA (2242)

I/O INTERFACE

USB ports: 2x USB 3.0,
2x USB 2.0,
Mini-PCle: 1x Mini-PCle (Full-size)
for WIFI module (**Standard**)
1x Mini-PCle for 4G/LTE (**on request**)
SIM: 1x Micro SIM Card slot

VIDEO

GPU: Intel® HD 620 Graphics
Interface: 2x HDMI 1.4 (Up to 4096x2304 @60Hz)

ETHERNET

LAN: 1x Realtek RTL8111H Gigabit LAN

POWER

Power in: 12V, DC-in
Power consumption: 25W max
Adapter: AC90~240V to DC12V
3.3A /40W

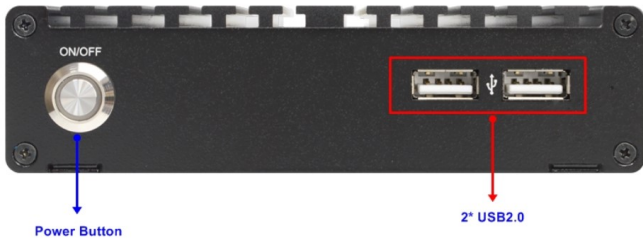
MECHANICAL

Material: Lightweight aluminum alloy
with extruded aluminum IO panel
Dimensions: (W)129x(D)109,4x(H)34mm
Weight: 0,6Kg
Mounting: WallMount + VESA + DIN Rail

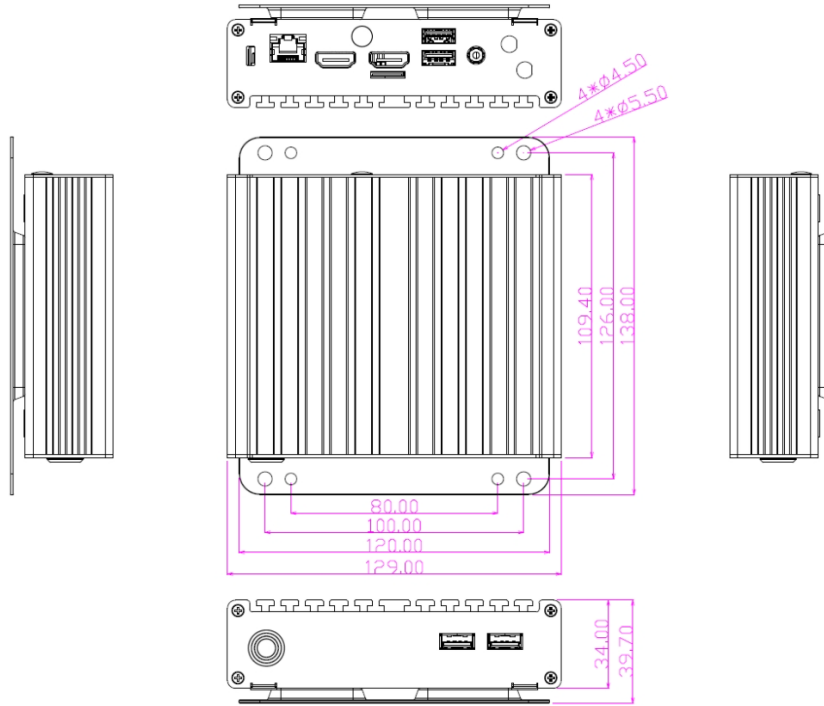
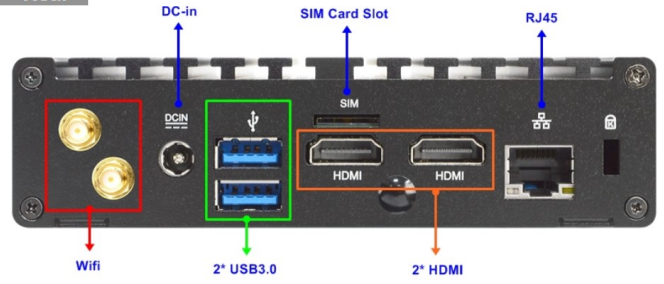
ENVIRONMENT

Operating temp.: -0°C to 50°C
Storage temp.: -20°C to 70°C
Humidity: 90% Humidity, non-condensing
EMC: CE, FCC, RoHS, LVD, ErP ready

Front



Rear



Accessories Included:

- WALL + VESA + DIN Rail Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WiFi Antenna
- 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



* Linux distributions tested with the IPC.

Order Code:

B04 - 20C - TRUD - J4105 - R08 - SSDXXX

STORAGE	SSD (2,5")	M2D/SSD128
	MSD (mSATA)	M2D/SSD256
	M2D (M.2)	Other on Request

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