



BRICK
FANLESS IPC



- Intel® Apollo Lake SoC Processor (**J3455/E3940**)
- 1x DDR3 1866 MHz up to **8 GB RAM**
- Extended power supply range from **9V to 36V**
- 2x LAN Intel® Gigabit Ethernet
- 1x 4K Video interface (HDMI)

MAINBOARD

CPU:	Intel® Celeron J3455 (4C/4T) 1.5GHz - 2.3GHz, 10W
	Intel® Celeron E3940 (4C/4T) 1.6GHz - 1.8GHz, 10W

MEMORY

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

STORAGE

SATA:	1x SATA3
M.2:	1x M.2 M-Key (2242)
Storage Bay:	1x Internal 2.5" SSD Bay

I/O INTERFACE

Serial ports:	1x COM RS232/422/485 1x COM RS232
USB ports:	3x USB 3.1, 3x USB 2.0,
Mini-PCIe:	1x Full size (USB 2.0 / PCIe X1)
M.2:	1x M.2 B-Key(3042) (USB 3.0 / PCIe X1)
AUDIO:	1x Headphone Jack, 1x MIC Jack 1x Line-out Jack

VIDEO

GPU:	Intel® HD Graphics
Interface:	1x HDMI 1.4 (Up to 3840x2160 @30Hz)

ETHERNET

LAN:	2x Intel i211AT Gigabit LAN
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POWER

Power in:	9 to 36V , DC-in
Power consumption:	60W max
Adapter:	AC_90~240V / DC_12V_5A/60W

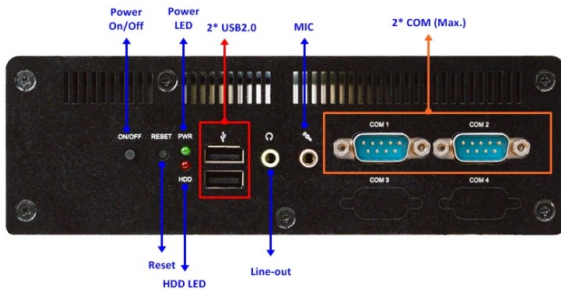
MECHANICAL

Material:	Lightweight aluminum alloy with extruded aluminum IO panel
Dimensions:	(W)193x(D)142.4x(H)62mm
Weight:	2.2Kg
Mounting:	WallMount + DIN Rail

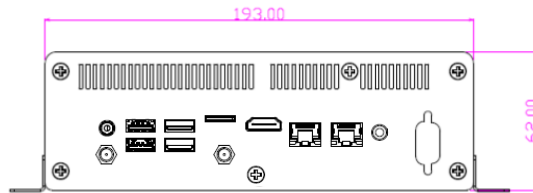
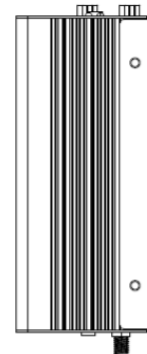
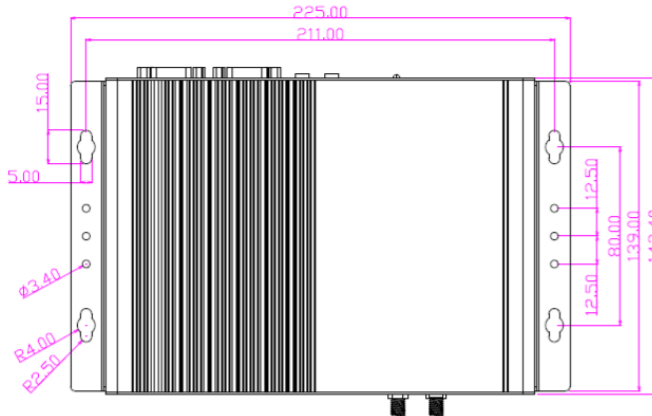
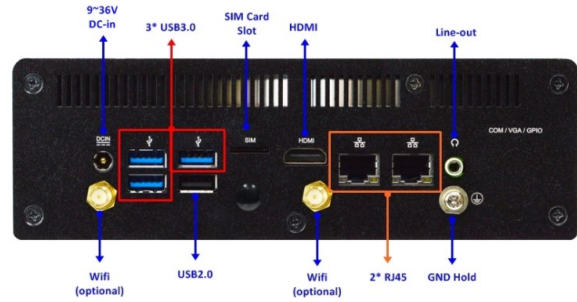
ENVIRONMENT

Operating temp.:	0°C to 50°C (w/ J3455) -40°C to 70°C (w/ E3940)
Storage temp.:	-20°C to 85°C
Humidity:	10% to 90% RH @40°C, non-condensing
EMC:	CE, FCC, RoHS, LVD, ErP Ready

Front



Rear



Accessories Included:

- WALL + VESA Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WIFI/4G Antenna (with WIFI/4G 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



Order Code:

B04 - 23C - BRICK - J3455 / E3940 - R08 - SSDXXX

* Linux distributions tested with the IPC.

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

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