



## Features

### Features

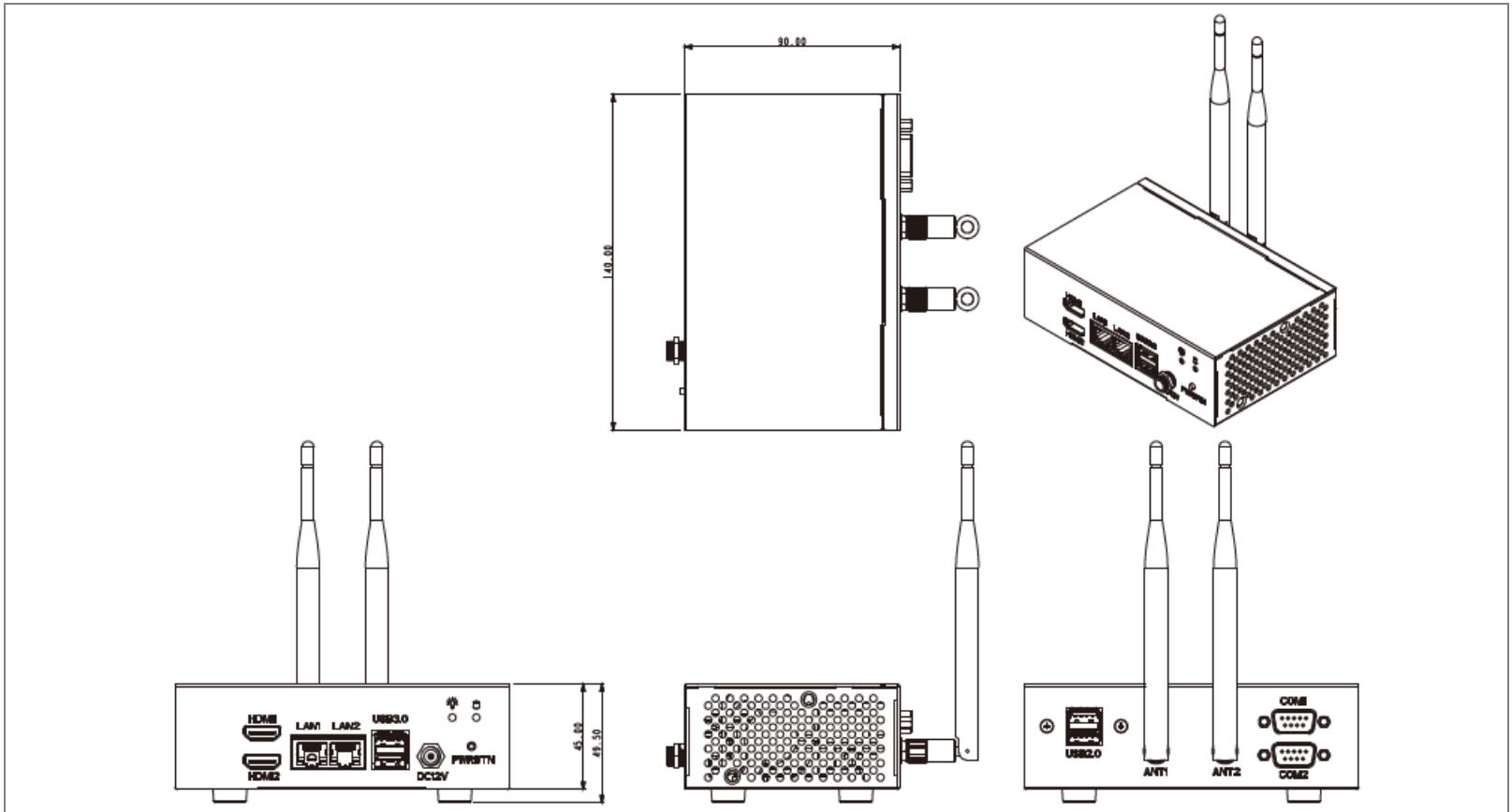
- Onboard LPDDR4 Memory 4GB
- Onboard eMMC Storage up to 64GB
- Dual HDMI 2.0 displays up to 4K at 60Hz
- Dual RJ45 GbE Lan
- 2 x USB 3.2 Gen1, 2 x USB 2.0
- 2 x RS232/422/485
- TPM 2.0
- Fan-Less design

## Specifications

System		Interface	
CPU/GPU	01: Intel® Celeron® N6210, Dual-Core, 1.5M Cache, 1.2GHz (2.6GHz), 6.5W 02: Intel® Celeron® J6412, Quad-Core, 1.5M Cache, 2GHz (2.6GHz), 10W	Serial Port	2 x DB9 Type RS-232/RS422/485,
Memory	On board LPDDR4 4GB	Ethernet	2 x GbE LAN (RJ45)
Storage	01: On board 32GB 02: On board 64GB	USB	2 x USB 3.2 Gen1 Type A, 2 x USB 2.0 Type A,
Real time clock	Yes	Display	2x HDMI ,
Indicators	Power, HDD,	Power Connector	12V DC Jack
Wireless	Wi-Fi,	Expansion Slot	1x M.2 2230 E Key 1x Mini-PCI-e
Operating System	Windows 10 Full,, Windows IOT Kernel 4.8, Ubuntu 22.04	Other Interface	
Power Supply			
Power Requirement	DC 12Vdc		
Environmental and Mechanical			
Dimension	140 x 90 x 45mm		
Weight	-		
Mouting/Installation	Din Rail Mount Kits		
Operating Temperature	0°C to 60°C		
Storage Temperature	-40°C to 80°C (-40°F to 176°F)		
Operating Humidity	5~90% (non-condensing)		
Certification			
Regulations	CE, FCC		

## Dimension

Unit: mm / inch



## Ordering Information

Part Number	Packing List
IES-12A1-01	01:N6210.2HDMI+ 4GB LPDDR4 .2LAN.2COM.4USB.32G eMMC.
IES-12A1-02	02:J6412.2HDMI 4GB LPDDR4 .2LAN.2COM.4USB.64GB eMMC.

## Optional Accessories

Part Number / Item			
Power Adaotor	Power Adapter.12V.+ power cord x 1		
DIN-Rail	DIN-Rail Mount Kit x 1		
Wi-Fi 6E Module	Intel Wi-Fi 6E AX210NGW + 2 x Antenna + Cables x 1		
Sata Cable	Sata & power cable x 1		