

IPCI-IPK-Series:

WATERPROOF INDUSTRIAL PC

Product Features

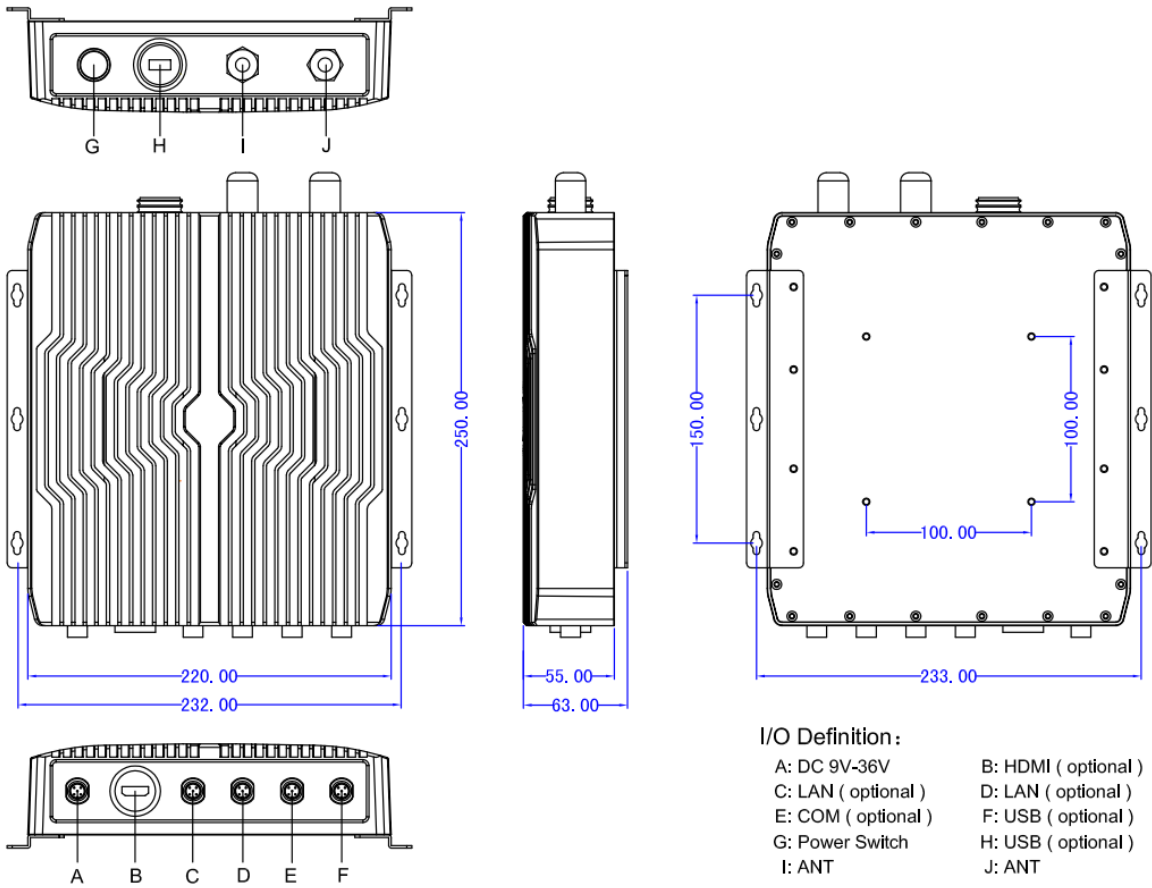
- Intel Core i3 1215U
- Intel Core i5 1235U
- 4 - 64GB DDR5 RAM
- Waterproof M12-connector
- LAN, COM, USB
- Aluminium housing, fanless
- Optional: WLAN, BT, LTE
- Full system IP67 / IP69K level dustproof & waterproof
- Operating Temp. -30°C to 70°C
- Input voltage range 9~36VDC
- Optional: WLAN, BT, LTE



Specifications

System			
CPU	12th Gen Intel Core i3-1215U	12th Gen Intel Core i5-1235U	12th Gen Intel Core i7-1255U
L2 Cache	10MB	12MB	12MB
TDP	15W	15W	15W
Graphics	Intel UHD Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
System Chipset	Integrated with Intel SoC		
Memory	DDR5 4800 MHz, Dual Channel SODIMM x 2, up to 64GB		
Harddisk	1 x M.2 120G SSD (250G / 500G / 2TB SSD) / 1 x 2.5" SATA		
Network	Intel 226-V / I219-LM GbE LAN		
Audio	Realtek ALC897 Audio controller		
TPM	TPM 2.0		
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset		
Operation System	Windows 10 / 11, Linux, Ubuntu		
I / O			
VIDEO	1 x H-DMI		
Ethernet	2 x M12 Waterproof Giga LAN RJ45 Connector		
USB	2 x M12 Waterproof Connector For USB2.0		
COM	1 x M12 Waterproof Connector For COM		
Wireless Network	1 x WiFi / Bluetooth , Optional (4G / 5G)		
Other I/O Interface	1 x Power Switch		
Expansion			
M.2	1*M.2 (Key-E, 2230, PCIe+USB, Wifi+BT)		
	1*M.2 (Key-B, 2242/3052, PCIe/ USB 3.0+USB2.0, 4G/5G)		
	1*M.2 (Key-M, 2280, PCIe x4 NVMe/ SATA, SSD)		
SIM Socket	1x SIM Socket		
Power			
Power Input	1 x M12 Waterproof Connector For 9V~36V DC		
Power Mode	Support AT, ATX Mode		
Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection)		
Power Consumption	≤45W		
Physical			
Material	Aluminum Alloy Shell		
Color	Grey / Silver / Black (optional)		
Mounting	220 x 250 x 55 mm		
Packing Size	360 x 180 x 320 mm		
Weight (Net)	2.5 KG		
Environment			
Operating Temperature	-30~70°C		
Storage Temperature	-40~85°C (-40~185°F)		
Relative Humidity	10% to 95% (non-condensing)		
Vibration Protection	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis		
IP Level	IP67 / IP69K		
EMC	CE, FCC, Class A, ROHS		

Dimensions



⊙ Standard VESA holes 100*100mm

