FANLESS PANEL PC

12.1" 600cd/m² XGA fanless ultra panel PC with Intel® 14nm 6th generation mobile
Core™ i5-6300U (15W) on-board processor (ULT), one 4GB DDR4 RAM,
802.11a/b/g/n/ac Wi-Fi module, PCAP touch, M12 I/O, R11

MODEL: IODX1210-i5

FEATURES:

- 12.1'" fanless panel PC with Intel® Skylake ULT processor
- IP66 6-side protection with M12 connector I/O cover
- Built-in wireless 802.11 a/b/g/n/ac and Bluetooth V4.0
- Operating temperature : -20°C ~ 60°C
- Flat glass PCAP touch with 6H hardness, resistive touch window

Wireless 802.11b/g/n | Fanless | Touchscreen | IP66 | -40°C~60°C | Redundant Dual DC

SPECIFICATIONS:

Display	LCD Display	12.1"
	Max Resolution	1024(W) x 768(H)
	Brightness (cd/m²)	600
	Contrast Ratio	700:1
	LCD Color	16.2M
	Pixel Pitch (mm)	0.24(H) x 0.24(V)
	Viewing Angle (H-V)	160°/ 140°
	Backlight MTBF (Hrs)	50,000
Motherboard	CPU	6th generation Intel® Core™ i5
	RAM	1 x 260-pin 2133/1867 MHz single-channel DDR4 SO-DIMMs
	Ethernet	LAN1: PCIe GbE by Intel® I211 controller LAN2: PCIe GbE by Intel® I211 controller
Touchscreen		P-CAP / Resistive Touch
Input Interfaces	I/O Ports & Switch	M12 Type:
		1 x 8-pin M12 connector for RS-232
		1 x 8-pin M12 connector for RS-232/422/485
		1 x 8-pin M12 connector for GbE LAN
		2 x 8-pin M12 connector for two USB 2.0 1 x 5-pin M12 connector for DC jack (12V~36V DC)
Expansion		1 x Full-size/half-size PCIe Mini card slot (PCIe x1 and USB 2.0 signals)
Connectivity	Wi-Fi & BT	802.11 a/b/g/n/ac + Bluetooth v4.0
	RFID	Reserved RFID antenna area (optional)
Storage		1 x 2.5" HDD bay
		1 x M.2 (B key 2242 with USB 2.0 and SATA signal)
Physical	Construction	Aluminum die-casting
	Mounting	VESA 100mm x 100mm
	Net/Gross Weight (kg)	4.95 kg / 7.62 kg
	Dimensions (W x L x D) (mm)	316 x 279 x 67
Environment	Operating Temperature (with air flow)	-20°C ~ 60°C (without heater solution)
		-40°C ~ 60°C by project base
	Storage Temperature	-20°C ~ 70°C
	IP Level	Full IP65 or Full IP66 (with M12 connectors)
	Safety	CE / FCC
Power	Power Requirement	Power 1: 12V ~ 36V (terminal block)
		Power 2: 12V ~ 36V (DC jack)

Specifications subject to change without notice, not responsible for typographical errors.

OPTIONAL:

Power Adapter (for standard only)
Water-proof Power Adapter (for M12 only)
USB Cable (for M12 only)
LAN Cable (for M12 only)
COM Port Cable (for M12 only)
ARM-11-RS
STAND-A12-RS STAND-C12-R10
UPC-F-MF-RFID-KIT01-R10 (ATO only)

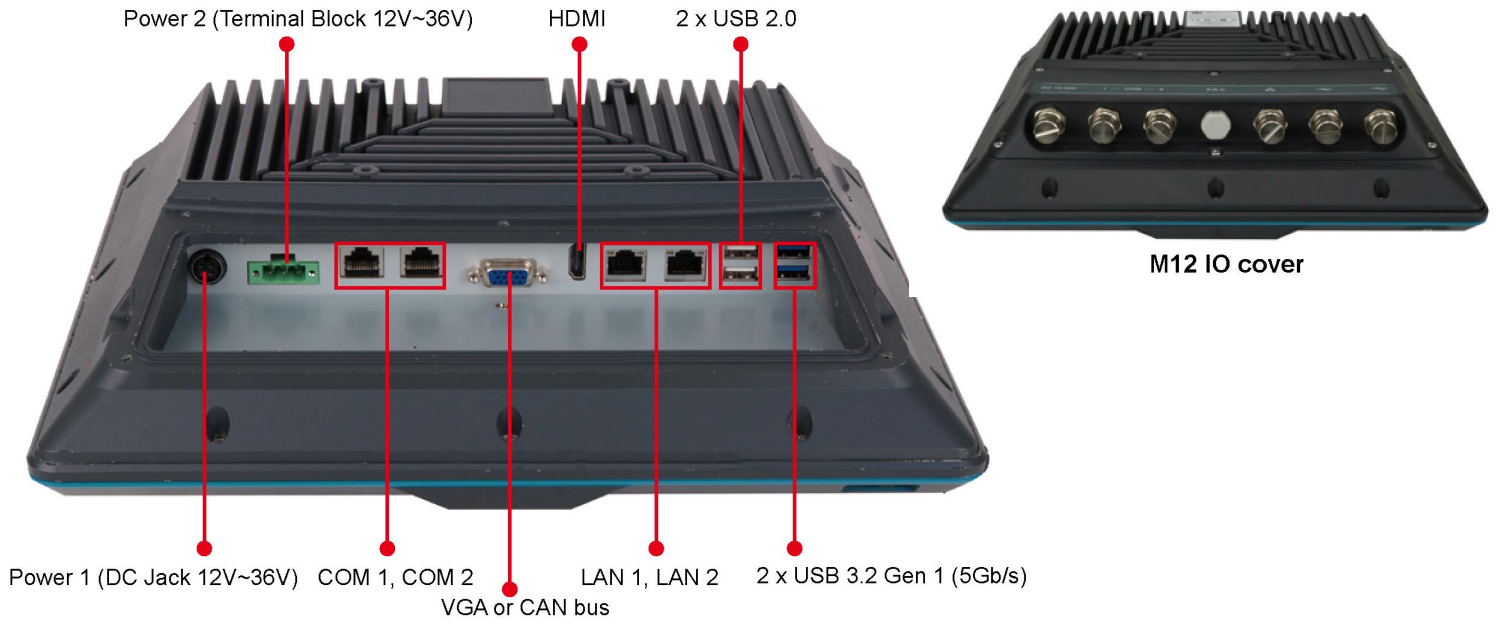USB cable   RJ-45 LAN cable   DB-9 COM port Cable   Water-proof Power Adapter

PACKING LIST

Item	Q'ty	Remark
Touch Pen	1	Resistive type only
Ferrite core	2	
D-Sub to RJ45 cable	2	for standard only
Waterproof plugs: *3	10	*3x2, *4x1, *5x1, cover x 6 (for standard only)
M12 to USB cable	1	for M12 only

i-TECH COMPANY

i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www.iTechLCD.com   **Modified Date: 04-12-2021**

I/O INTERFACE

Power 2 (Terminal Block 12V~36V)   HDMI   2 x USB 2.0

M12 IO cover

Power 1 (DC Jack 12V~36V)   COM 1, COM 2   LAN 1, LAN 2   2 x USB 3.2 Gen 1 (5Gb/s)

VGA or CAN bus

MECHANICAL DRAWINGS

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

315.64
245.76
184.32
278.64
66.50
100
100

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