

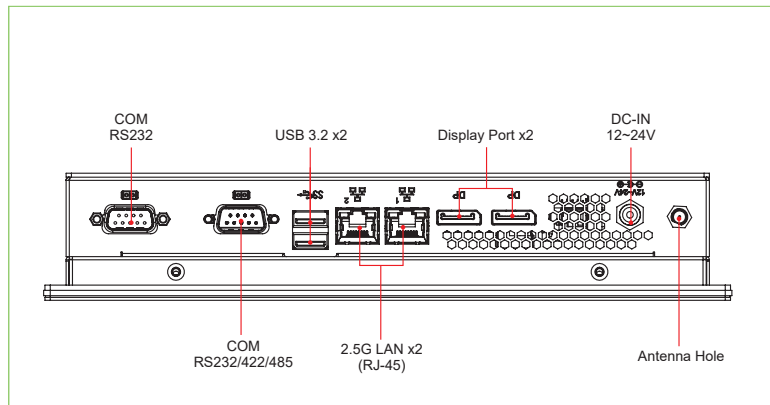


Specifications



Display & Touch Screen	Display Size	10.1 (16:10)
	Max. Resolution	1280 x 800 (500nits) 1920 x 1200 (1,000nits)
	Luminance (cd/m2)	500 or 1,000
	Contrast	800:1 (500nits) ; 1000 : 1 (1000nits)
	Max. Color	16.7M
	View Angle (H/V)	178° / 178°
	Backlight Lifetime(hrs)	50,000
	Touch Type	Projected Capacitive touch
	Touch Interface	USB
	Light Transmission (%)	85±2.5%
System	Point of touch	Up to 10
	Processor	Intel® Atom® N150 Processor (Quad-Core @ 3.6GHz) Intel® Core® 3 N355 Processor (Eight-Core @ 3.64GHz)
	Memory	1x DDR5 SO-DIMM, up to 16GB
	Thermal Design	Fanless
	Membrane Control	None
	Built-in Speaker/Mic	None
Expansion	Internal Expansion Bus	1x M.2 2280 (M Key) SATA 1x M.2 2230 (E-Key) 1x M.2 3052 (B-Key)
	Expansion Slot	N/A
	Wireless	Optional Wi-Fi/BT/4G/5G/LTE
Storage Space	HDD	SDD:1x M.2 2280 (M-Key) SATA
	Removable	N/A

Bottom External I/O

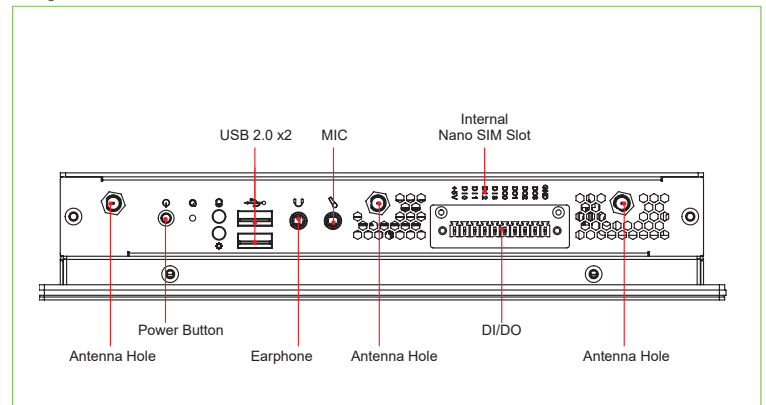


Features

- Intel® formerly Twin Lake platform (Core 3 N355 / N150)
- DDR5 SODIMM maximum support 16G
- 500nits or 1,000nits sunlight readable
- 10.1" flat LCD panel with projected capacitive touchscreen
- IP65 Front Panel Waterproof Design
- Internal Expansion M.2 Slot x 3
- I/O supports COMx2, USB 3.2x2, USB 2.0x2, Audio
- Supports M.2 sockets for Wi-Fi / BT and 4G/5G communication with Nano SIM slot
- Supports TPM2.0 hardware security
- Wide Range Power Input +12V ~ 24V DC-IN
- Extended operating temperature Max. from -20°C to 60°C

I/O Interface	USB 3.0	2x USB 3.2 Gen1
	USB 2.0	2x USB 2.0
	RS-232/422/485 Selectable via BIOS	COM 1 Selectable in BIOS
	RS-232	COM 2
	LAN	2x 2.5GbE
	Additional Graphics	2x DP
	Audio	1x Earphone , 1x Microphone
	Digital I/O	4x DI , 4x DO
	Power Connector	DC-Jack with screw lock
	Power Button	Tact Switch
Power	Power Input Range	DC +12V~24V
Mechanical	Dimensions (mm)	260 x 179 x 48
	Net Weight (kgs)	1.75
Environmental	Operating Temperature	Panel 500nits/N150: -20°C~60°C (-4°F~140°F) Panel 1000nits/N150 : -10°C~50°C (14°F~122°F) N355 CPU : -10°C~40°C (14°F~104°F) *with airflow
	Storage Temperature	-30~80°C
	Storage Humidity	5%~90% @ 50°C (non-condensing)
	Certification	CE/FCC Class-B
	Supported Operating Systems	Microsoft Windows 11, Linux Kernel 4+
	Chassis Material	Aluminum and SGCC
Construction	Color (Front/Back)	Gray / Gray
	IP Rating	IP65 front-panel waterproof
	Mounting	VESA 100x100 mm, Panel Mount

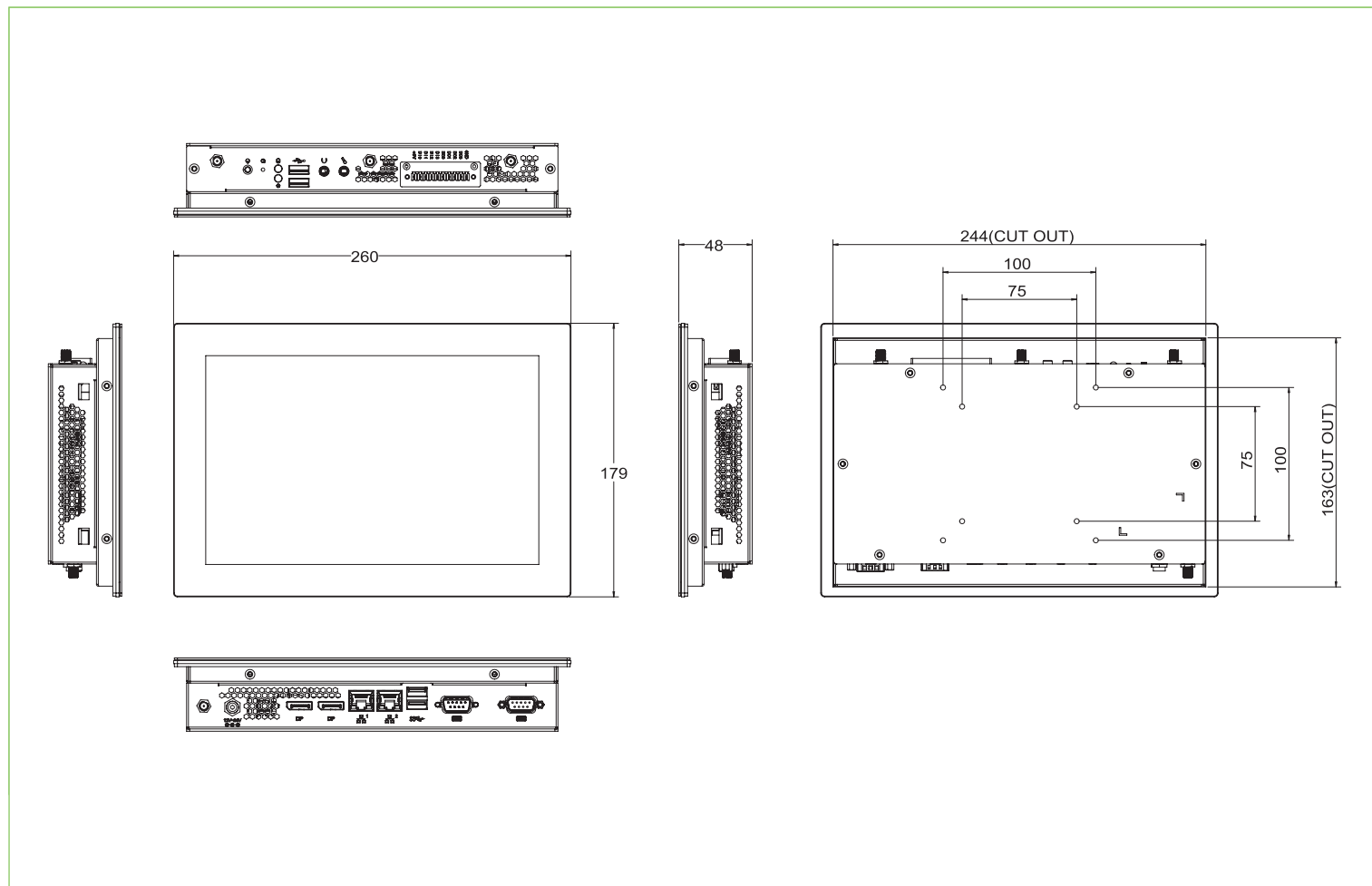
Top Side External I/O



Remarks: 1. Specifications are subject to change without prior notice
2. ODM/OEM is available. 3. For user manual & datasheet download, visit www.ibt.ca

IHPC-W101

Dimensions



Ordering Information

Model Number	CPU	Display	LAN	USB	COM Ports	Audio	M.2	Power Input	Note
IHPC-W101-N150-1M	Intel® Atom® N150 (Quad-Core)	1280x800 (500nits)	2x 2.5G	2x USB 3.2 2x USB 2.0	2	1x Earphone 1x Microphone	3	DC-IN +12~24V	-
IHPC-W101-N150-2M	Intel® Atom® N150 (Quad-Core)	1920x1200 (1000nits)							
IHPC-W101-N355-1M	Intel® Core® 3 N355 (Eight-Core)	1280x800 (500nits)							
IHPC-W101-N355-2M	Intel® Core® 3 N355 (Eight-Core)	1920x1200 (1000nits)							

Optional Items

Part Number	Description	Qty.
A005PS120WF030600P	W/LOCK [FSP FSP120-ABBN3] 19V/120W	1
A030PCAM050100100P	US AC Power Cord (183CM)	1
A030PCEN010201000P	UK AC Power Cord (183CM)	1
A030PCEUR05010000P	EU AC Power Cord (183CM)	1
H06Z01M201010000AP	M.2 2242 bracket adapter to M.2 3052	1

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