IPPC-W215

Compact Panel PC

Intel® N150 / Core™ 3 N355 Processors Fanless Panel PC with USB Type-C



Features

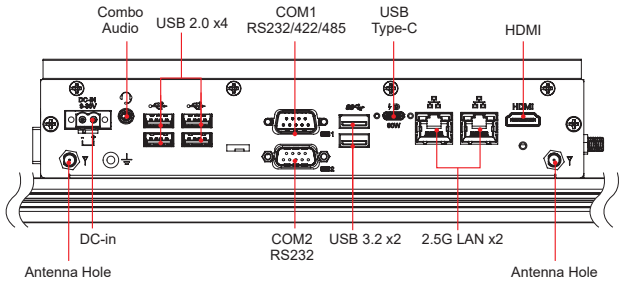
- Intel® N150 / Core™ 3 N355 Processors
- DDR5 SO-DIMM maximum support 16GB
- Compliance with 6mm V-Slot™ Standard Groove
- 21.5" flat LCD panel with projected capacitive touchscreen
- IP66 Front Panel Waterproof Design
- Rich I/O supports COM x2, Optional Power COM x4, DI x4, DO x4, USB x6 (3.2 x2 + 2.0 x4) USB Type-C PD 60W Alternate mode.
- Supports M.2 sockets for Wi-Fi / BT and 4G/5G communication with Nano SIM slot
- Supports dTPM2.0 hardware security
- Wide Range Power Input +9V ~ 36 VDC

Specifications

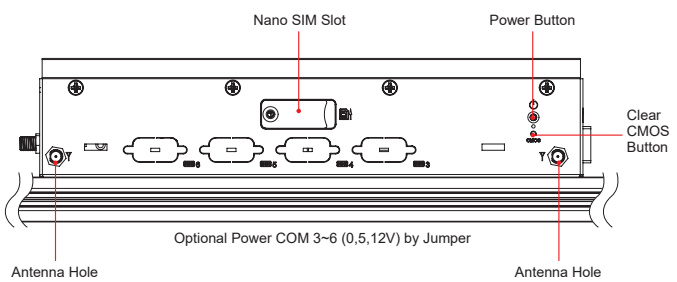
Display & Touch Screen	Display Size	21.5 (16:9)
	Max. Resolution	1920 x 1080 (16:9)
	Luminance (cd/m2)	250 (Optional 500 nits)
	Contrast	1000 : 1
	Max. Color	16.7M
	View Angle (H/V)	178° / 178°
	Backlight Lifetime(hrs)	50,000
	Touch Type	Projected Capacitive Touch
	Touch Interface	USB
	Light Transmission (%)	85±2.5%
	Point of touch	Up to 10
System	Processor	Intel® N150 Processor (Quad-Core) Intel® Core™ 3 N355 Processor (Quad-Core)
	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) 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)
	Removable	RAID 0/1: M.2 2280 + M.2 2242 (10mm adapter to M.2 3052)

I/O Interface	USB 3.0	2x USB 3.2, 1x USB Type-C
	USB 2.0	4x USB 2.0
	RS-232/422/485 Selectable via BIOS	COM 1 Selectable in BIOS
	RS-232	COM2 and optional COM3–COM6 (Pin9: 0V / 5V / 12V)
	LAN	2x 2.5GbE
	Additional Graphics	HDMI 1x USB-C (DP Alternate Mode)
	Audio	Combo Jack
	Digital I/O	4x DI, 4x DO
	Power Connector	2-pin bare-wire DC-IN and GND screw
	Power Button	Tact Switch
Power	Power Input Range	DC +9V ~ 36V
Mechanical	Dimensions (mm)	539.8 x 331.3 x 75
	Net Weight (kgs)	7.3
Environmental	Operating Temperature	-10°C~45°C
	Storage Temperature	-20~60°C
	Storage Humidity	5%~90% @ 50°C (non-condensing)
	Certification	CE/FCC Class-B
	Supported Operating Systems	Microsoft Windows 10 / 11 Linux Kernel 4+
Construction	Chassis Material	Aluminum and SGCC
	Color (Front/Back)	Gray / Gray
	IP Rating	IP66 Front-Panel Waterproof
	Mounting	VESA 75x75 and 100x100 mm, side mount and optional Panel Mount

Rear External I/O

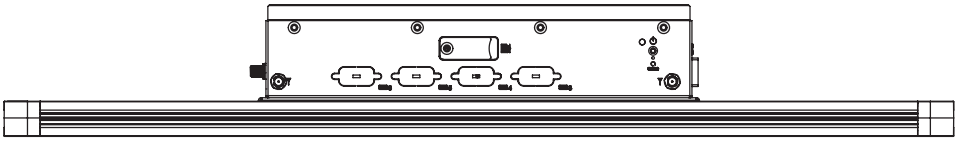


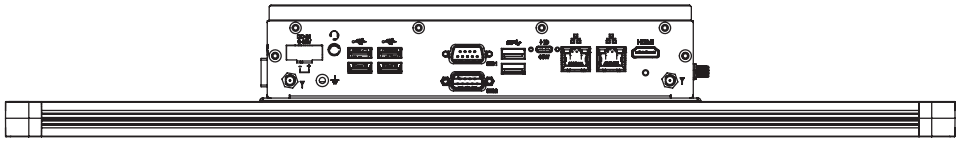
Front External I/O

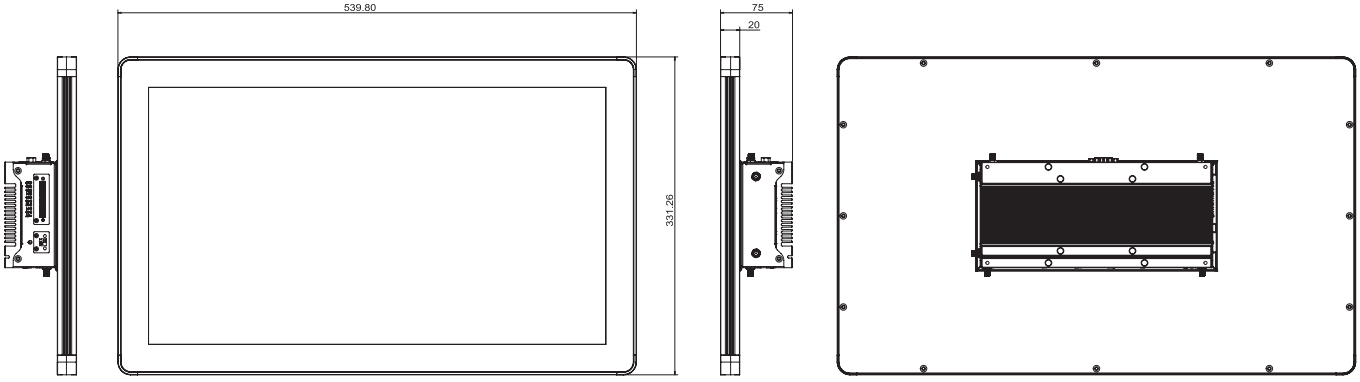


Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. To download user's manual & datasheet , visit www.ibase.com.tw.

Dimensions







Ordering Information

Model Number	CPU	Panel	Display	LAN	USB	COM Ports	Combo Audio	M.2	Power Input	Note
S02IPPCW21-A10500R	Intel® N150	250nits	1x HDMI	2x 2.5G	4x USB 2.0 2x USB 3.2 1x USB-C	2	1	3	DC-IN +9~36V	USB Type-C Support PD60W
S02IPPCW21-A10600R	Intel® N150	500nits								
S02IPPCW21-A10300R	Intel® Core™ 3 N355	250nits								
S02IPPCW21-A10400R	Intel® Core™ 3 N355	500nits								

- Other panel size requirements. Please contact sales.

Packing List

Part Number	Description	Qty.
-	IPPC-W215 series Panel PC	1
D2MANUAL--0000100P	Manuals & Driver Download Instructions	1
C12162ESD02105000P	DC-IN Dinkle bare-wire converter	1
C1216EC3802103000P	Power SW Dinkle bare-wire converter	1
C1216EC3810103000P	DIO Dinkle bare-wire converter	1

Optional Items

Part Number	Description	Qty.
A005PS090W0100710P	AC 100V~240V Adaptor 90W DC 24V/3.75A	1
A005PS180W0100800P	AC 100V~240V Adaptor 180W DC 24V/7.5A	1
A030PCEUR03000000P	EU AC Power Cord (183CM)	1
A030PCEN020100000P	UK AC Power Cord (183CM)	1
A030PCAM040100000P	US AC Power Cord (183CM)	1
A030PCJP050001000P	JP AC Power Cord (183CM)	1
C501PK15609202B00P	CBL;PK1-56B 2-HD 9C (10CM) for COM 3,4	2
C501PK15609202000P	CBL;PK1-56 2-HD 9C (25CM) for COM 5,6	2