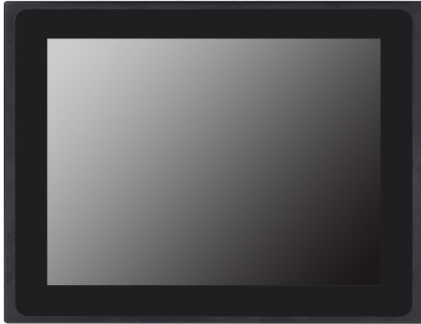


# IPPC-104V2-NS-2L6C-09S



- Projected capacitive (default) or resistive (by request) touchscreen, also available for non-touch screen;
- Ultra-thin design, overall thickness is under 60mm;
- Narrow bezel design bring the more compact overall size;
- Aluminum alloy cooling backshell, sealed and fanless system design, dustproof, anti-vibration and anti-interference;
- Support a variety of interface customization.

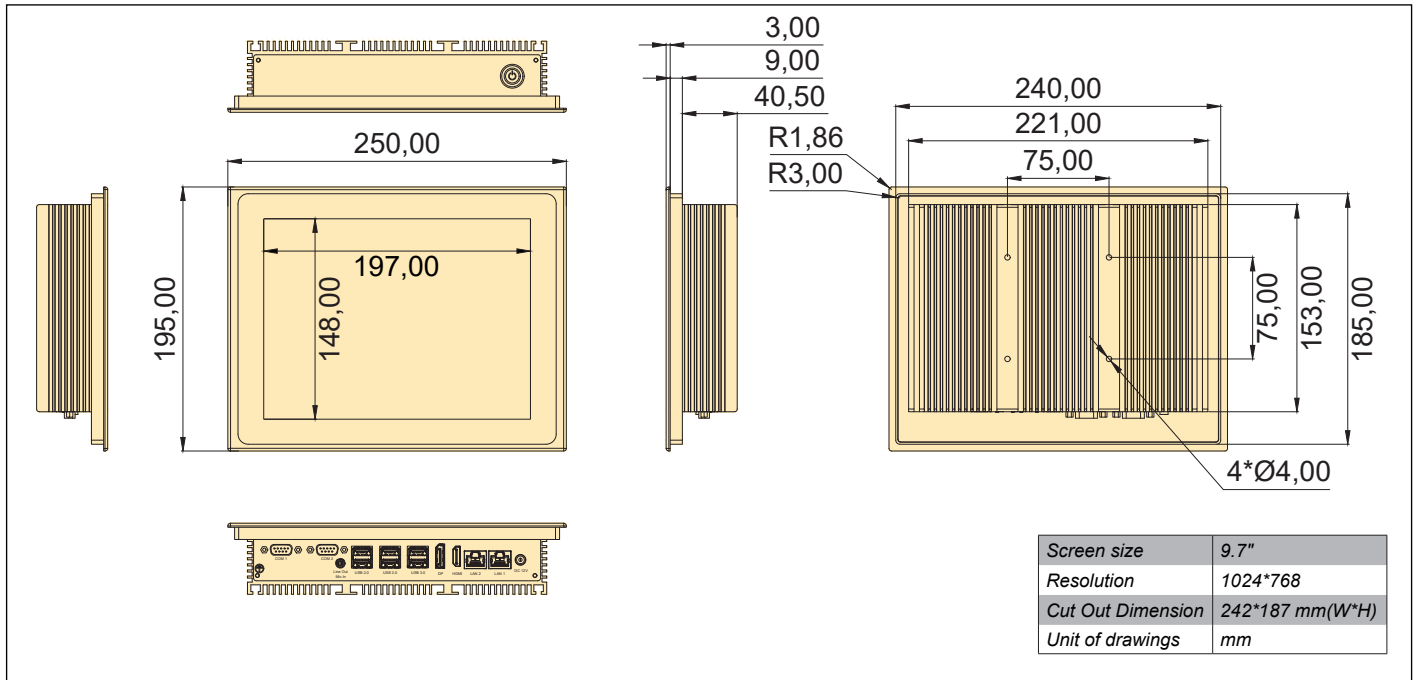


The actual appearance is subject to the final configuration

## Specifications

LCD Display		Touchscreen			
Display Type	9.7" TFT LCD (LED backlight)	Touchscreen Type	5-Wire Resistive	Projected Capacitive	Non-Touchscreen
Resolution	1024*768	Touchscreen Method	Single point	Ten point	-
Luminance	350 cd/m2 (Typ.)	Surface	3H	6H	6H
Viewing Angle	70/70/60/70 (Typ.)(CR>=10)	Durability	1 million touches	-	-
Contrast Ratio	500:1 (Typ.) (Transmission)	Transparency	75%±8%	85±3%	>88%
System					
CPU	Model	Intel® Alder Lake-N Series Processor N97			
RAM	SO-DIMM	1* SO-DIMM Socket, support DDR4 3200MHz, Up to 16GB			
Storage	M.2	1* M.2 M-Key 2280 Slot, PCIe X1/SATA, Support PCIe X1 NVMe/SATA SSD			
	SATA	1, SATA3.0 6Gbps			
Supported OS	Windows & Linux	Windows 10/11 64bit, Linux			
I/O INTERFACE	COM	3* RS232 full Lines (COM1-3); 2* RS232/TTL 2 Lines (COM4-5); 1* RS232/TTL 2 Lines (COM6);			
	Ethernet	1* Intel i210-AT GbE +1* Intel i226-V GbE			
	USB	2, USB2.0 4, USB3.0			
	Video	1* HDMI, max 4096*2160@30Hz +1* DP++, max 4096*2160@60Hz			
	Audio	1* Line-Out + MIC, CTIA			
	SIM	1* Built-in SIM card slot connected to Mini-PCIe			
	Power Supply	Optional 24V or 12V/19V/24V PWR module with Terminal Block (2-Pin, 3.5mm/5.08mm) +12V DC; 1* DC Jack (5.5* 2.5mm);			
Other	1* 8-bit GPIO header; (2-Pin, 2.00mm)				
Extended Capabilities	Additional Internal Interface	1, M.2 E-Key 2230, PCIe+USB2.0, support WiFi+ Bluetooth Module +1, M.2 B-Key 2242/3052, USB3.0+ USB2.0, Support 5G/4G			
Environment	Operating Temperature	Non-Touch:-20~70°C; Capacitive:-20~70°C; Resistive:-10~50°C; (w/ 0.7m/s Airflow)			
	Storage Temperature	Non-Touch:-30 ~ 80°C; Capacitive:-20 ~ 70°C; Resistive:-20 ~ 50°C			
	Relative Humidity	40 °C @ 95%, Non-Condensing			
Physical Characteristics	Dimensions	250*195*52.5 mm			
	Net Weight	Around 2kg (The final weight is subject to actual ordering configuration)			
Regulation	EMC	CE/FCC Class B, CCC			
	Safety	CE-LVD, RoHS, CCC			

## Dimension Drawings



The actual appearance and dimensions are subject to the final configuration

## Processors Information

CPU	Code Name	Total Cores	Total Threads	Max Turbo Frequency	Base Frequency	Cache	TDP	Memory Types	Integrated Graphics
Intel® Alder Lake-N97	Alder Lake-N	4	4	3.60GHz	-	6 MB Intel® Smart Cache	12W	DDR5	Intel® HD Graphics

All products and company name listed are trademarks or trade names of their respective companies.

## Ordering Information

CPU	SO-DIMM Socket	M.2 M-Key	M.2 E-Key	M.2 B-Key	COM Port	GbE LAN	USB 2.0	USB 3.0	Internal USB 2.0 Headers	HDMI	DP	SPK	SIM Card Slot	8-bit GPIO Header	Power Supply
Intel® Alder Lake-N97	1*DDR4	1	1	1	6	2	2	4	3	1	1	-	1	1	DC 12V

!! Note: Custom available for this unit, the actual data is subject to the final configuration

Model	Aspect Ratio	Screen Size	Touch Function Support	Resolution (H*V)	Brightness (Typ.)	Viewing Angle (Typ.) (CR>=10)	Cutout Dimension (W*H)	Device Dimension (W*H*D)	N.W.	Operating Temp./ Storage Temp.
IPPC-104V2-NS-2L6C-09S-NT	4:3	9.7"	Non-Touch	1024*768	350 cd/m <sup>2</sup>	70/70/60/70	242*187 mm	250*195*52.5 mm	2 kg	-20~70°C/ -30 ~ 80°C
IPPC-104V2-NS-2L6C-09S-CT	4:3	9.7"	Capacitive Touch	1024*768	350 cd/m <sup>2</sup>	70/70/60/70	242*187 mm	250*195*52.5 mm	2 kg	-20~70°C/ -20 ~ 70°C
IPPC-104V2-NS-2L6C-09S-RT	4:3	9.7"	Resistive Touch	1024*768	350 cd/m <sup>2</sup>	70/70/60/70	242*187 mm	250*195*52.5 mm	2 kg	-10~50°C/ -20 ~ 50°C

## Packing list

Default Items	Qty
IPPC-104V2-NS-2L6C-09S Unit	1
AC-to-DC Adapter	1
Power cable 3-pin 150cm	1
Embedded mount kit	1

## Options for default items

Optional Items	Qty
Power cable 3-pin 150cm, USA type	-
Power cable 3-pin 150cm, EU type	-
Power cable 3-pin 150cm, UK type	-
VESA mount kits	-

**Optional accessories or internal modules for unit**

Optional Items	Max Qty	Description
DC9-30V TO DC 12V PWR module	1	Phoenix Terminal connector, Power supply voltage conversion module, connected by header
Isolated 8-bit GPIO, 9-26V	1	Phoenix Terminal connector, connected by jumper
Isolated RS-232	6	DB9 or Phoenix Terminal connector, connected by header
Isolated 8-bit GPIO, 9-24V	1	Phoenix Terminal connector, connected by header
4G Module	1	Connected by Mini-PCle interface
WiFi Module without AP mode	1	Connected by Mini-PCle interface
WiFi Module with AP mode	1	Connected by Mini-PCle interface

!! Note:As this product has expansion slots, please consult sales for the specific maximum number of expandable interfaces.