



OPEN FRAME TOUCH PANEL PC

H10-W221-N97

21.5" Full HD Capacitive Open Frame Touch Panel PC with Intel® Alder lake N97 Processor



Features

- 21.5" (16:9) Full HD Open Frame Touch Panel PC
- World Class Certifications for Safety and Reliability: CE/FCC
- Front IP65 Rating for protection against water and dust
- Scratch Resistant 7H Glass Hardness
- Versatile Display Outputs; HDMI and DP
- MTBF Up to 50,000 Hours

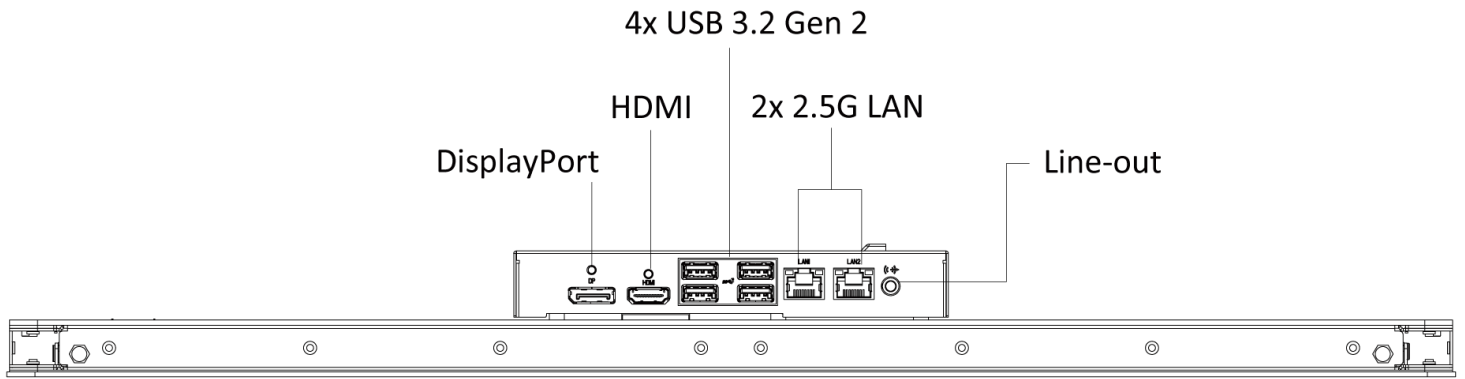


Specifications

Display	
IP Rating	Front IP65
LCD Size	21.5" (16:9)
Max. Resolution	1920 x 1080 (Full HD)
Brightness (cd/m ²)	500 nits
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.248 (H) x 0.248 (V)
Viewing Angle	89/89/89/89 (Typ.) (CR>=10)
Backlight MTBF	50,000 Hours
Touch	
Projected Capacitive	For H10-W221C
Surface Hardness	7H / IK07
System	
Processor	
	Intel® Processor N97 6M Cache, up to 3.60 GHz
System Chipset	SoC integrated
LAN Chipset	GbE1: Intel I225-V (Support Wake-on-LAN and PXE) GbE1: Intel I225-V (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC897
System Memory	Default 8GB DDR5 4800MT/s SODIMM (up to 16GB)
BIOS	AMI uEFI 8Mbit SPI BIOS
Watchdog	Software Programmable Supports 1~255 sec. System Reset
Storage	
SSD/HDD	128G M.2 B Key SSD (Default)
Expansion	
M.2	M.2 E Key Support WiFi 6e (Optional)
I/O	
Audio	1x Audio out
COM	2x RS-232/422/485 by internal cable
DisplayPort	HDMI / DP / LVDS / eDP
LAN	2x 2.5G LAN
USB	6x USB 2.0 by internal cable 4x USB 3.2 Gen 2
Others	2x Pifa Antenna (option)
Operating System	
Windows	Windows 10 / Windows 11
Linux	Linux Ubuntu 22.04
Power	
Power Adapter	Optional 60W (12V 5A)
Power Supply Voltage	DC 9~36V
Power Connector	DC Jack 5.5mm/2.5mm
Environment	
Operating Temperature	-10°C to 50°C

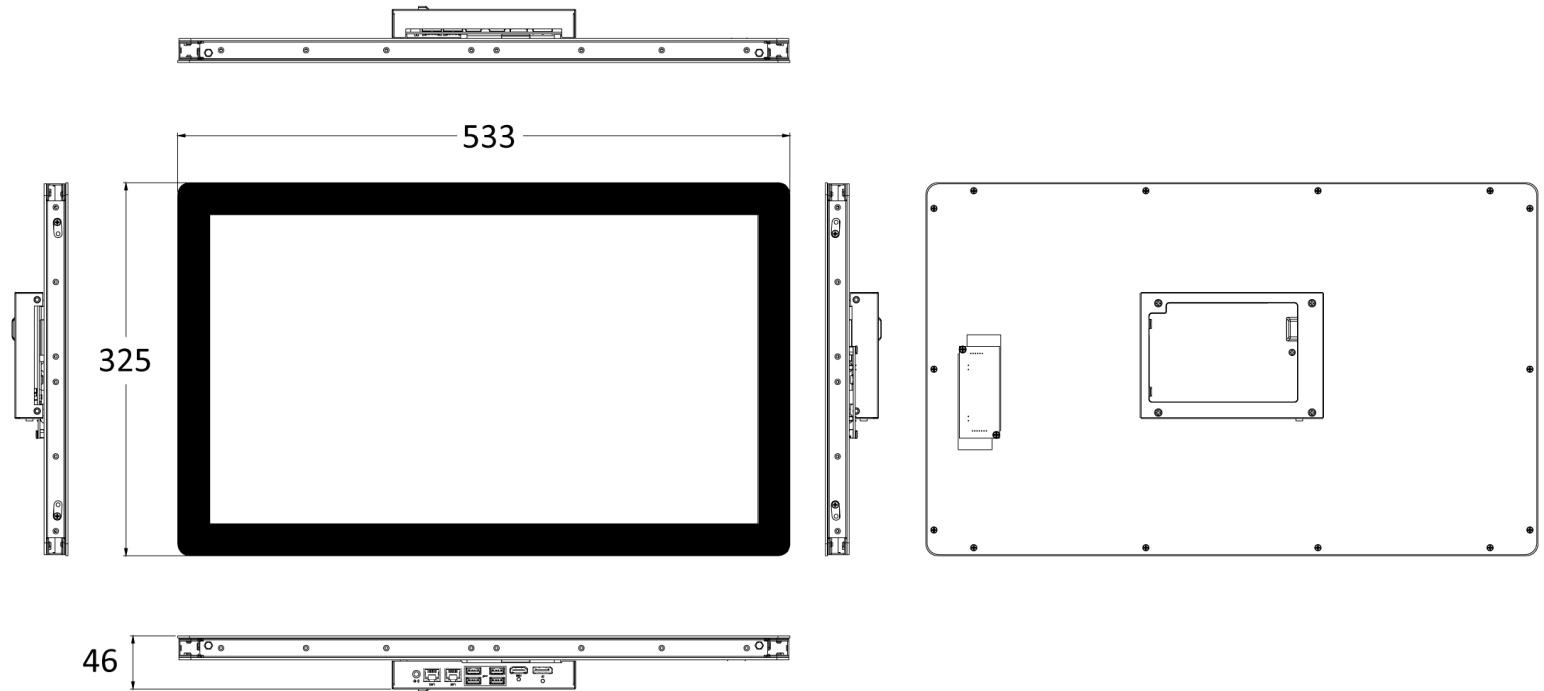
Storage Temperature	-20°C to 60°C
Relative Humidity	10% to 80% (non-condensing)
Certification	CE, FCC Class A
Vibration	With SSD: 2.4 Grms, 5 - 500 Hz, 0.5 hr/axis With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis With SSD: 20G, half sine, 11ms
Physical	
Dimensions	533 (W) x 325 (H) x 46 (D) mm
Weights	4.9 kg
Mounting Options	Wall Mounting bkt

External I/O Mechanical Layout



Dimension

Unit: mm



Available Models

Model No.	Description
HIO-W221C-N97	21.5" Full HD Capacitive Open Frame Touch Panel PC with Intel® Alder lake N97 Processor

Optional Accessories

Model No.	Description
1-E09A06011	Adapter Output 12V 5A 60W / Input 100-240V
1-TATN00018	PIFA Antenna Cable Round 450mm BLK for WiFi
1-E06WIFI13	M.2 2230, A-E Key, WIFI 6E & BT 5.3 (AX210.NG.WG.NV.999M85/INTEL)
1-TCOM00041	COM cable (CT-240125-01/CHEN PERNG)
1-TUSB00066	Dual USB 2.0 Cable (M-6133/CABLING)

Packing List

1x HIO-W221 Series Open Frame Touch Panel PC
1x DC jack to S4P Power Cable
1x 128G M.2 B key SSD
1x 8GB DDR5 4800 MT/s