



OPEN FRAME TOUCHSCREEN COMPUTER

H10-W210-ADL

10.1" WXGA Capacitive Open Frame Touchscreen Computer with Intel® Alder Lake N97 Processor



Features

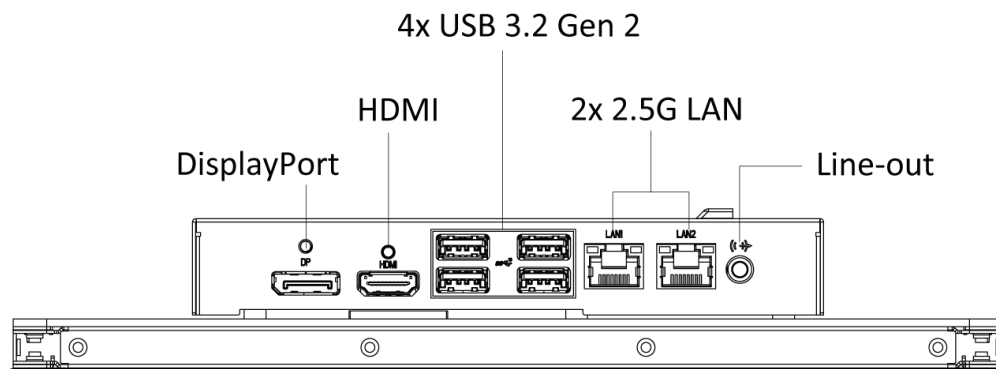
- 10.1" (16:10) WXGA Open Frame Touchscreen Computer
- World Class Certifications for Safety and Reliability: CE/FCC
- Front IP65 Rating for protection against water and dust
- Scratch Resistant 7H Glass Hardness
- Versatile Display Outputs; HDMI and DP
- MTBF Up to 30,000 Hours

Specifications

Display		Storage Temperature	-20°C to 60°C
IP Rating	Front IP65	Relative Humidity	10% to 80% (non-condensing)
LCD Size	10.1" (16:10)	Certification	CE, FCC Class A
Max. Resolution	1280 x 800 (WXGA)	Vibration	IEC60068-2-64:2008 With SSD: 3 Grms (5 - 500 Hz, 0.5 hr/axis) Designed to comply with MIL-STD-810G Method 514.7 Procedure I
Brightness (cd/m ²)	400 nits	Shock	IEC60068-2-27:2008 With SSD: 20G half-sin 11ms Designed to comply with MIL-STD-810G Method 516.7 Procedure I
Contrast Ratio	800:1	Physical	
LCD Color	16.7M	Dimensions	252 (W) x 166 (H) x 39 (D) mm
Pixel Pitch (mm)	0.169(H) x 0.1695(V)	Weights	1.3 kg
Viewing Angle	89/89/89/89 (Typ.) (CR>=10)	Mounting	Open Frame Mount (Wall-mount bracket, optional)
Backlight MTBF	30,000 Hours (LED Backlight)		
Touch			
Touch Type	10-Point PCAP Touch		
Surface Hardness	7H / IK07		
System			
Processor	Intel® Processor N97 6M Cache, up to 3.60 GHz		
System Chipset	SoC integrated		
System Memory	Default 8GB DDR5 4800MT/s SODIMM (up to 16GB)		
LAN Chipset	GbE1: Intel I225-V (Support Wake-on-LAN and PXE) GbE2: Intel I225-V (Support Wake-on-LAN and PXE)		
Audio Codec	Realtek ALC897		
BIOS	AMI uEFI 8Mbit SPI BIOS		
Watchdog	Software Programmable Supports 1~255 sec. System Reset		
Storage			
M.2 B Key	128G M.2 B Key NVMe SSD (Default)		
Expansion			
M.2 E Key	1x M.2 E Key Support WiFi 6e (Optional)		
I/O			
DisplayPort	1x DP, support 4096 x 2304 Real 4K @60Hz 1x HDMI, support 3840 x 2160 UHD@30Hz		
COM	2x RS-232/422/485		
USB	6x USB 2.0 by internal cable 4x USB 3.2 Gen 2		
LAN	2x 2.5GbE LAN		
Audio	1x Audio out		
Others	2x Pifa Antenna (optional)		
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		

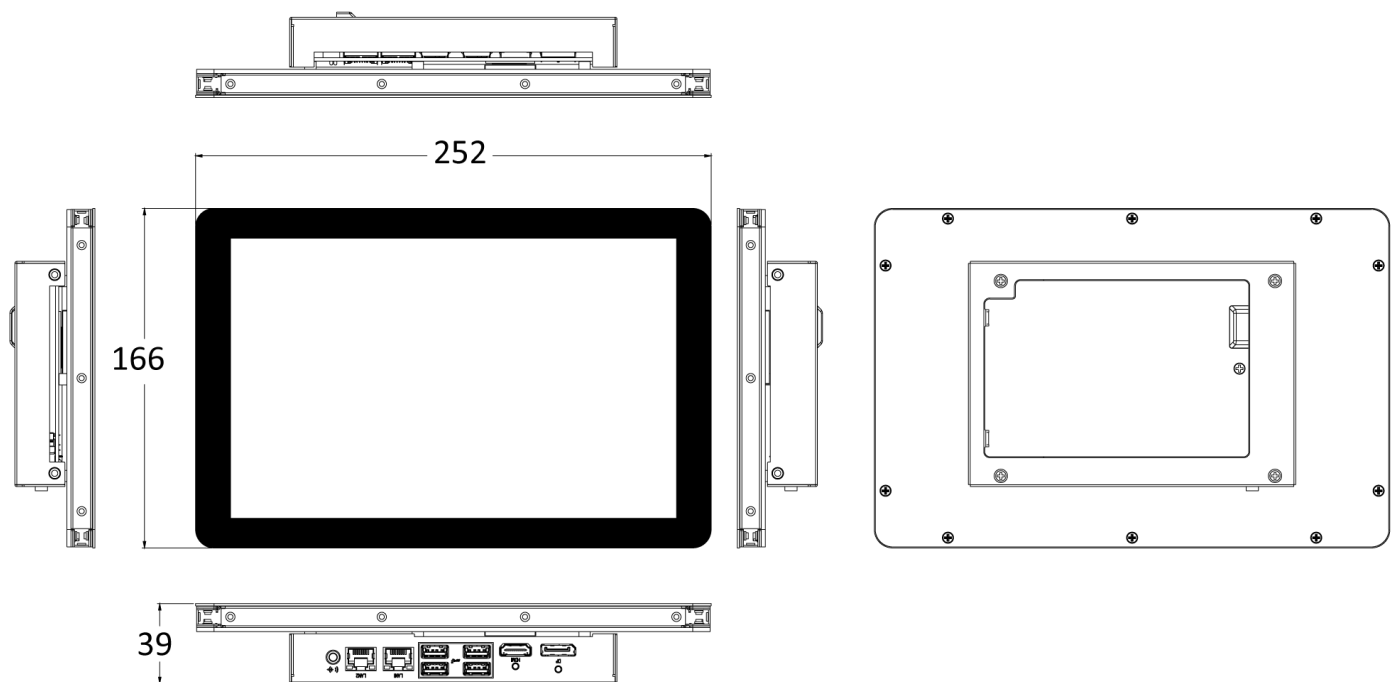
* All specifications and photos are subject to change without notice.

External I/O Mechanical Layout



Dimension

Unit: mm



Available Models

Model No.	Description
HIO-W210-N97	10.1" WXGA Capacitive Open Frame Touchscreen Computer with Intel® Alder Lake N97 Processor

Optional Accessories

Model No.	Description
1-E09A06012	Adapter Output 12V 5A 60W / Input 100-240V
3-WIFI0701S10	WIFI 6E Module KIT, Intel, 2T2R & BT 5.3
1-TCOM00046	COM Cable (ST-2403064/SHININ TECH)
1-TUSB00066	Dual USB 2.0 Cable (M-6133/CABLING)
3-HI101040S10	HIO-W210C/W215C Series Wall Mount Kit

Packing List

1x HIO-W210-ADL Series Open Frame Touchscreen Computer
1x DC jack to S4P Power Cable
1x 128G M.2 B key SSD
1x 8GB DDR5 4800 MT/s