

IP-113 SERIES

Full IP65 Stainless Touch IPC

Features

Fanless and rugged design
12th Gen Intel® Alder Lake-N N97
Display Size: 12.1" / 15" / 17" / 19" / 21.5" / 24"
True Flat PCT / 5 Wires Resistive touch solution
Full 304 IP65 6 sides stainless chassis
All IP65 M12 waterproof connectors
2 x USB, 2 x RS232, 2 x GLAN
VESA mount & Yoke mount



Specifications

Display for 4:3 Ratio				Display for 16:9 Ratio		
Size	12.1" TFT	15" TFT	17" TFT	19" TFT	21.5" TFT	24" TFT
Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920*1080	1920*1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	350 cd/m2	300 cd/m2	350 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
Contrast Ratio	800:1	2500:1	1000:1	1000 : 1	3000 : 1	1000 : 1
View Angle (H/V)	160°/160°	176°/176°	170°/160°	170°/160°	176°/176°	170°/160°
SYSTEM						
CPU	12th Gen Intel® Alder Lake-N N97					
Memory	1 x 260-pin SO-DIMM DDR4 3200 MHz, up to 32GB					
Storage	1 x SATA 3.0 / 1 x M.2 (Key M, 2242/2260/2280) with PCIe x1 or SATA3 for SSD					
OS Support	Windows 10 Pro / Windows 10 IoT Windows 11 Pro / Windows 11 IoT					
TPM	TPM 2.0 onboard IC					
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.					
M12 RS232	2			M12 USB 2.0	2	
M12 GLAN	2					
Expansion Slot						
M.2	1 x M.2 (Key E, 2230) with 1 x PCIe, USB 2.0 and CNVi / WiFi optional 1 x M.2 (Key B, 3042/3052) with PCIe x1/USB 3.2/USB 2.0 and SIM for 4G/5G					
MECHANICAL & ENVIRONMENTAL						
Operation Temp.	0 ~ 45°C					
Storage Humidity	10 ~ 90%, non-condensing					
Form Factor						
Touch Screen	15"/17"/19" : PCT / 5W(Single touch) 12"/15"/17"/19"/21.5"/24" : Projected Capacitive Multi-Touch Panel					
Mounting	VESA mount (100 x 100mm) & Yoke mount					
Power adaptor	M12 DC in 9V~36V					

