

12.1" CF13 N97/N305

Full IP65 Stainless Touch IPC

Features

Intel® Alder Lake-N PC Client & Embedded Series SoC
DDR5 4800 MHz SODIMM Slot up to 16GB
High brightness sunlight readable solution
5 Wires Resistive / True Flat PCT solution
Full 304 IP65 6 sides stainless chassis
All IP65 M12 waterproof connectors
2 x M12 RS232, 2 x M12 GLAN, 2 x M12 USB 2.0
VESA mount (100x100mm) & Yoke mount
DC-IN 12V



Specifications

Display for 3:4 Ratio			
Size	12.1" TFT		
Resolution	1024 x 768		
Colors	16.7M		
Luminance	350 cd/m2		
Contrast Ratio	800:1		
View Angle	160°/160°		
Model NO.	IP121R118S	IP121R119S	
SYSTEM			
CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W	Intel® IOTG Alder Lake-N Core i3-N305, QC, 9W up to 15W	
Memory	DDR5 4800 MHz SODIMM Slot up to 16GB	DDR5 4800 MHz SODIMM Slot up to 16GB	
Storage	1 x SATA 3.0	1 x SATA 3.0	
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 23H2, pre-scan) Linux (Support by request) Infineon® SLB 9672VU2.0		
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 B key (SATA/PCIe x1, USB 3.2 Gen 2 x 1, USB 2.0 w/NANO SIM-Holder), 2242/3042/2280	1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for WiFi optional	
	1 x M.2 E key (PCIe x1, USB 2.0), 2230	1 x M.2 (Key B, 3042/3052) with PCIe x1,USB 3.2/USB 2.0 and SIM for	
MECHANICAL & ENVIRONMENTAL			
Operation	0 ~ 45°C		
Storage	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 (100x100mm) & Yoke mount		
Power Supply	Full IP67 Waterproof Power adaptor : Specifications may vary by country (75W / 100 ~ 305V AC input / 12V DC output)		
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		

