

21.5" 24" CF13 N97/N305

Front IP66/67 Silver Aluminum Touch IPC

Features

Intel® Alder Lake-N PC Client & Embedded Series SoC
DDR5 4800 MHz SODIMM Slot up to 16GB
2 x RS232, 2 x GLAN, 2 x USB 3.2 Gen 2, 1 x USB 3.2 Gen 1, 1 x AUDIO
Front IP65/67 aluminum Touch IPC
5 Wires Resistive (Single touch) / True Flat PCT
VESA mount / Panel mount / Clip mount
DC-in 12V



Specifications

Display for 16:9 Ratio			
Size	21.5" TFT	24" TFT	
Resolution	1920*1080	1920*1080	
Colors	16.7M	16.7M	
Luminance	250 cd/m2	250 cd/m2	
Contrast Ratio	3000 : 1	1000 : 1	
View Angle	176°/176°	170°/160°	
Model NO.	TP215R118S TP240R118S	TP215R119S TP240R119S	
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)		
TPM	Linux (Support by request)		
	Infineon® SLB 9672VU2.0		
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.		
RS232	2	USB 2.0	1
GLAN	2	USB 3.2 Gen 1	1
HDMI	1	USB 3.2 Gen 2	2
DP	1	AUDIO	1
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 4G/5G	
MECHANICAL & ENVIRONMENTAL			
Operation	0 ~ 45°C		
Storage	10 ~ 90%, non-condensing		
Form Factor			
Touch Screen	15" / 17" / 19" : PCT / 5W (Single touch)		
	15" / 15.6" / 17" / 19" / 21.5" / 24" : Projected Capacitive Multi-Touch Panel		
Mounting	VESA mount (100x100mm) & Panel mount & Clip mount		
Power Supply	DC-in 12V 3P Power terminal block		
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		

