

15" 17" 19" 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 3:4 Ratio					
Size	15" TFT	17" TFT		19" TFT	
Resolution	1024 x 768	1280 x 1024		1280 x 1024	
Colors	16.7M	16.7M		16.7M	
Luminance	300 cd/m2	350 cd/m2		250 cd/m2	
Contrast Ratio	2500:1	1000:1		1000 : 1	
View Angle	176°/176°	170°/160°		170°/160°	
Model NO.	TP150R118S	TP170R118S	TP190R118S	TP150R119S	TP170R119S TP190R119S
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				

