

15" 17" 19" CF13 N97/N305

Front IP65 Silver Aluminum Touch IPC

Features

Intel® IOTG Alder Lake-N Processor N97 / N305
DDR5 4800 MHz SODIMM Slot up to 16GB
5 Wires Resistive (single touch)
IP65 Silver aluminum front bezel
4 x USB , 2 x RS232, 2 x GLAN, 1 x HDMI, 1 x DP , Audio
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.	SP150R118S SP170R118S SP190R118S	SP150R119S SP170R119S SP190R119S	
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	Single Channel for DDR5 4800MHz Up to 16GB		Single Channel for DDR5 4800MHz 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)		
TPM	Infineon® SLB 9672VU2.0		
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.		
RS232/422/485	1 (COM1) Optional	GLAN USB 2.0 USB 3.2 Gen 1 USB 3.2 Gen 2	2
RS232	5 (COM2~6) Optional		1
HDMI	1		1
DP	1		2
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	5 Wires Resistive (Single touch)		
Mounting	VESA mount (75 X 75 mm) / (100 X 100 mm) & Panel mount & Clip mount		
Power Supply	3 Pin Power Terminal Block for DC-in 12V		
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		

