

15.6" 17.3" 18.5" 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 16:9 Ratio					
Size	15.6" TFT		17.3" TFT	18.5" TFT	
Resolution	1366 x 768	1920 x 1080	1920*1080	1366 x 768	1920*1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	400 cd/m2	400 cd/m2	400 cd/m2	250 cd/m2	350 cd/m2
Contrast Ratio	500 : 1	700 : 1	600 : 1	1000 : 1	1000 : 1
View Angle	170°/160°	160°/140°	160°/140°	170°/160°	178°/178°
Model NO.	SP156R118S SP173R118S SP185R118S		SP156R119S SP173R119S SP185R119S		
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)				
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.				

