

15.6" 17.3" 18.5" CF03 N97/N305

Front IP65 Silver Aluminum Touch IPC

Features

Intel® IOTG Alder Lake-N Processor N97 / N305
DDR5 4800 MT/s 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
Wide Voltage DC-IN 9~36V



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.	SP156R116S SP173R116S SP185R116S		SP156R117S SP173R117S SP185R117S		
SYSTEM					
CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W		Intel® IOTG Alder Lake-N Core i3-N305, OC, 9W up to 15W		
Memory	Single Channel for DDR5 4800MT/s Up to 16GB		Single Channel for DDR5 4800MT/s Up to 16GB		
Storage	1 x SATA 3.0		1 x SATA 3.0		
OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2) Windows 11 IoT Enterprise LTSC (64-bit, 24H2) Linux (Support by request)				
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.				
RS232/422/485	1		GLAN	2	
RS232	1		AUDIO	1	
HDMI	1		USB 3.2 Gen1	2	
DP	1		USB 3.2 Gen2	2	
Expansion Slot					
M.2	1 x M.2 B key (SATA/PCIe x1), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230				
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 9~36V				
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance.				

