

# 15" 17" 19" CF03 N97/N305

## Full IP69K Stainless Touch IPC

### Features

Intel® IOTG Alder Lake-N Processor N97 / N305  
 Fanless solution and compact housing  
 DDR5 4800 MT/s SODIMM Slot up to 16GB  
 Full IP69K Stainless design  
 All M12 waterproof connectors  
 Wide Voltage DC-IN 9~36V  
 True flat PCT / 5 wires resistive  
 Yoke Mount / VESA Mount



### 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°
<b>Model NO.</b>	<b>AP150R116S</b>	<b>AP170R116S</b>	<b>AP190R116S</b>
			<b>AP150R117S</b>
			<b>AP170R117S</b>
			<b>AP190R117S</b>
<b>SYSTEM</b>			
<b>CPU</b>	Intel® IOTG Alder Lake-N Processor N97, QC, 12W		Intel® IOTG Alder Lake-N Core i3-N305, OC, 9W up to 15W
<b>Memory</b>	Single Channel for DDR5 4800MT/s Up to 16GB		Single Channel for DDR5 4800MT/s Up to 16GB
<b>Storage</b>	1 x SATA 3.0		1 x SATA 3.0
<b>OS Support</b>	Windows 10 IoT Enterprise LTSC (64-bit, 21H2) / Windows 11 IoT Enterprise LTSC (64-bit, 24H2) Linux (Support by request)		
<b>I/O Ports</b>	* The I/O interface shown may vary depending on the selected motherboard.		
<b>M12 RS232</b>	2	<b>M12 GLAN</b>	2
<b>M12 USB 2.0</b>	2		
<b>Expansion Slot</b>			
<b>M.2</b>	1 x M.2 B key (SATA/PCIe x1), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230		
<b>MECHANICAL &amp; ENVIRONMENTAL</b>			
<b>Operation Temp.</b>	0 ~ 45°C		
<b>Storage</b>	10 ~ 90%, non-condensing		
<b>Form Factor</b>			
<b>Touch Screen</b>	True flat PCT / 5 wires resistive		
<b>Mounting</b>	Yoke Mount / VESA Mount		
<b>Power Supply</b>	Full IP67 Waterproof Power Adapter: 12V/24V default; 9~36V input supported. Customization by customer.		
<b>Optional</b>			
<b>Panel Type</b>	High Brightness LCD Panel: Available in various sizes and brightness specifications. Please inquire for available options and custom configurations		
<b>WIFI Optional</b>	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		
<b>Power adaptor</b>	Full IP67 Waterproof Power adaptor : Specifications may vary by country ( 75W / 100 ~ 305V AC input / 12V DC output ) / ( 75W / 100 ~ 305V AC input / 24V DC output )		

