

TP-116 SERIES

Front IP66/67 Silver Aluminum
Touch IPC

Features

Intel® Alder Lake-N PC Client & Embedded Series SoC
DDR5 4800 MT/s SODIMM Slot up to 16GB
Display Size: 15" / 15.6" / 17" / 19" / 21.5" / 24"
2 x RS232, 2 x GLAN, 4 x USB 3.2, 1 x Audio
Front IP66/67 aluminum Touch IPC
5 Wires Resistive (Single touch) / True Flat PCT
VESA mount / Panel mount / Clip mount
DC-in 9~36V



Specifications

Display for 3:4 Ratio				Display for 16:9 Ratio			
Size	15" TFT	17" TFT	19" TFT	15.6" TFT		21.5" TFT	24" TFT
Resolution	1024 x 768	1280 x 1024	1280 x 1024	1366 x 768	1920 x 1080	1920*1080	1920*1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	300 cd/m2	350 cd/m2	250 cd/m2	400 cd/m2	400 cd/m2	250 cd/m2	250 cd/m2
Contrast Ratio	2500:1	1000:1	1000 : 1	500 : 1	700 : 1	3000 : 1	1000 : 1
View Angle (H/V)	176°/176°	170°/160°	170°/160°	170°/160°	160°/140°	176°/176°	170°/160°
SYSTEM							
CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W						
Memory	DDR5 4800 MT/s SODIMM Slot up to 16GB						
Storage	1 x SATA 3.0						
OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2)			Linux (Support by request)			
	Windows 11 IoT Enterprise LTSC (64-bit, 24H2)						
TPM	Infineon SLB9672VU2.0						
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.						
RS232/422/485	1			USB 3.2 Gen 1	2		
RS232	1			USB 3.2 Gen 2	2		
GLAN	2			AUDIO	1		
HDMI	1			DP	1		
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 Temp.	0 ~ 45°C						
Storage Humidity	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 9~36V 3P Power terminal block						
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance						

