

TP-121 SERIES

Front IP66/67 Silver Aluminum
Touch IPC

Features

Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series
DDR5 5200 MHz SODIMM Slot up to 32GB
Display Size: 15" / 15.6" / 17" / 19" / 21.5" / 24"
4 x HDMI, 4 x GLAN, 4 x USB 3.2 Gen 2, 2 x RS232
Front IP66/67 aluminum Touch IPC
5 Wires Resistive (Single touch) / True Flat PCT
VESA mount / Panel mount / Clip mount
Quadruple independent displays: 4HDMI, 1 LVDS/eDP
Wide Voltage DC-IN 12~24V


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® Mobile 13th Core™ i5-1345UE, 28W						
Memory	Single-channel DDR5 5200 MHz Up to 32 GB						
Storage	1 x SATA 3.0						
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2)			Linux (Support by request)			
	Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan)						
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.						
RS232	2			GLAN	4		
HDMI	4			USB 3.2 Gen 2	4		
Expansion Slot							
M.2	1 x M.2 M key (PCIe Gen4 x4 NVMe), 2280 1 x M.2 B key (PCIe x1, USB 2.0, w/NANO SIM-Holder), 2242/3042 1 x M.2 E key (PCIe x1, USB 2.0, w/CNVi), 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 12~24V 3P Power terminal block						
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance						

