

15" 17" 19" CF17 i7 i5 i3

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

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			
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°
Model NO.	TP150R120S TP150R121S TP150R122S TP150R123S	TP170R120S TP170R121S TP170R122S TP170R123S	TP190R120S TP190R121S TP190R122S TP190R123S
SYSTEM			
CPU	Intel® Mobile 13th Core™ i7-1365UE(120)/i5-1345UE(121)/i5-1335UE(122)/i3-1315UE(123) , 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) 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	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	0 ~ 45°C		
Storage	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		

