

12.1" CF17 i7 i5 i3

Full IP65 Stainless Touch IPC

Features

Fanless and rugged design
 Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series
 5 Wires Resistive / True Flat PCT solution
 Full 304 IP65 6 sides stainless chassis
 All IP65 M12 waterproof connectors
 2 x M12 RS232, 2 x M12 GLAN, 2 x M12 USB 2.0
 Wide Voltage DC-IN 12~24V (OCP & OVP)
 VESA mount & Yoke mount
 High brightness sunlight readable solution



Specifications

Display for 3:4 Ratio			
Size	12.1" TFT		
Resolution	1024 x 768		
Colors	16.7M		
Luminance	350 cd/m2		
Contrast Ratio	800:1		
View Angle	160°/160°		
Model NO.	IP121R120S IP121R121S IP121R122S IP121R123S		
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.		
M12 RS232	2	M12 USB 2.0	2
M12 GLAN	2		
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)		
	12"/15"/17"/19"/21.5"/24" : Projected Capacitive Multi-Touch Panel		
Mounting	VESA mount (100x100mm) & Yoke mount		
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		
Power Supply	Full IP67 Waterproof Power adaptor : Specifications may vary by country (150W / 100 ~ 305V AC input / 12V DC output) / (150W / 100 ~ 305V AC input / 24V DC output)		

