

# 12.1" CF17 i7 i5 i3 WT

## Full IP65 Stainless Touch IPC

### Features

Fanless and rugged design  
 Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series  
 High brightness sunlight readable solution  
 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)  
 Wide operating temperature supported  
 VESA mount & Yoke mount



### 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.                  | IP121R124S IP121R125S IP121R126S                                                                                                                                        |             |   |
| SYSTEM                     |                                                                                                                                                                         |             |   |
| CPU                        | Intel® Mobile 13th Core™ i7-1365URE(124)/ i5-1345URE(125)/ i3-1315URE(126) , 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                  | -20 ~ 60℃                                                                                                                                                               |             |   |
| 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<br>( 150W / 100 ~ 305V AC input / 12V DC output) / (150W / 100 ~ 305V AC input / 24V DC output) |             |   |

