

# MP-123 SERIES

Front IP65  
Metal Chassis design Touch IPC

## Features

Intel® Mobile 13th Core™ i3-1315UE  
Fanless solution and compact housing  
DDR5 5200 MHz SODIMM Slot up to 32GB  
Metal Chassis design  
Display Size: 15" / 17" / 19" / 21.5" / 24"  
DC-in 12~24V  
5 Wires Resistive touch solution  
VESA mount



## Specifications

Display for 4:3 Ratio		Display for 16:9 Ratio			
<b>Size</b>	15" TFT	17" TFT	19" TFT	21.5" TFT	24" TFT
<b>Resolution</b>	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080
<b>Colors</b>	16.7M	16.7M	16.7M	16.7M	16.7M
<b>Luminance</b>	300 cd/m2	350 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
<b>Contrast Ratio</b>	2500:1	1000:1	1000 : 1	3000 : 1	1000 : 1
<b>View Angle (H/V)</b>	176°/176°	170°/160°	170°/160°	176°/176°	170°/160°
<b>SYSTEM</b>					
<b>CPU</b>	Intel® Mobile 13th Core™ i3-1315UE				
<b>Memory</b>	Single-channel DDR5 5200 MHz Up to 32 GB				
<b>Storage</b>	1 x SATA 3.0				
<b>OS Support</b>	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2)		Linux (Support by request)		
	Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan)				
<b>I/O Ports</b>	* The I/O interface shown may vary depending on the selected motherboard.				
<b>RS232</b>	2		<b>GLAN</b>	4	
<b>USB 3.2 Gen2</b>	4		<b>HDMI</b>	4	
<b>Expansion Slot</b>					
<b>M.2</b>	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				
<b>MECHANICAL &amp; ENVIRONMENTAL</b>					
<b>Operation Temp.</b>	0 ~ 45°C				
<b>Storage Humidity</b>	10 ~ 90%, non-condensing				
<b>Form Factor</b>					
<b>Touch Screen</b>	5 wires resistive				
<b>Mounting</b>	VESA mount				
<b>Power Supply</b>	3 Pin Power Terminal Block for DC-in 9~36V (Comes with 12/24 power supply, Varies depending on the model)				
<b>Optional</b>					
<b>Panel Type</b>	High Brightness LCD Panel: Available in various sizes and brightness specifications. Please inquire for available options and custom configurations				
<b>WIFI</b>	External Antenna (Wi-Fi) : Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance				

