

MP-117 SERIES

Front IP65
Metal Chassis design Touch IPC

Features

Intel® IOTG Alder Lake-N Core i3-N305
Fanless solution and compact housing
DDR5 4800 MT/s SODIMM Slot up to 16GB
Metal Chassis design
Display Size: 15" / 17" / 19" / 21.5" / 24"
Wide Voltage DC-IN 9~36V
5 Wires Resistive touch solution
VESA mount



Specifications

Display for 4:3 Ratio			Display for 16:9 Ratio		
Size	15" TFT	17" TFT	19" TFT	21.5" TFT	24" TFT
Resolution	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	300 cd/m2	350 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
Contrast Ratio	2500:1	1000:1	1000 : 1	3000 : 1	1000 : 1
View Angle (H/V)	176°/176°	170°/160°	170°/160°	176°/176°	170°/160°
SYSTEM					
CPU	Intel® IOTG Alder Lake-N Core i3-N305, OC, 9W up to 15W				
Memory	Single Channel for DDR5 4800MT/s Up to 16GB				
Storage	1 x SATA 3.0				
OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2)			Linux (Support by request)	
	Windows 11 IoT Enterprise LTSC (64-bit, 24H2)				
I/O Ports	* The I/O interface shown may vary depending on the selected motherboard.				
RS232	2			USB 3.2 Gen1	2
DP	1			USB 3.2 Gen2	2
HDMI	1			GLAN	2
Expansion Slot					
M.2	1 x M.2 B key (SATA/PCIe x1), 2242/3042/2280				
	1 x M.2 E key (PCIe x1, USB 2.0), 2230				
MECHANICAL & ENVIRONMENTAL					
Operation Temp.	0 ~ 45°C				
Storage Humidity	10 ~ 90%, non-condensing				
Form Factor					
Touch Screen	5 wires resistive				
Mounting	VESA mount				
Power Supply	3 Pin Power Terminal Block for DC-in 9~36V (Comes with 12/24 power supply, Varies depending on the model)				
Optional					
Panel Type	High Brightness LCD Panel: Available in various sizes and brightness specifications. Please inquire for available options and custom configurations				
WIFI	External Antenna (Wi-Fi) : Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance				

