

GP-116 SERIES

Full IP67 Stainless Touch IPC

Features

Intel® IOTG Alder Lake-N Processor N97
Fanless solution and compact housing
DDR5 4800 MT/s SODIMM Slot up to 16GB
Full IP67 Stainless design
All M12 waterproof connectors
Display Size: 10.4" / 15" / 17" / 19" / 21.5" / 24"
Wide Voltage DC-IN 9~36V
True Flat PCT (IP66 / IP67) / 5W (IP66) resistive touch solution
Yoke Mount / VESA Mount



Specifications

Display for 4:3 Ratio				Display for 16:9 Ratio		
Size	10.4" TFT	15" TFT	17" TFT	19" TFT	21.5" TFT	24" TFT
Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920*1080	1920*1080
Colors	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	350 cd/m2	300 cd/m2	350 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
Contrast Ratio	900:1	2500:1	1000:1	1000 : 1	3000 : 1	1000 : 1
View Angle (H/V)	150°/150°	176°/176°	170°/160°	170°/160°	176°/176°	170°/160°
SYSTEM						
CPU	Intel® IOTG Alder Lake-N Processor N97, QC, 12W					
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.					
M12 RS232	2			M12 GLAN	2	
M12 USB 2.0	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	True flat PCT / 5 wires resistive					
Mounting	Yoke Mount / VESA Mount					
Power Supply	Full IP67 Waterproof Power Adapter: 12V/24V default; 9~36V input supported. Customization by customer.					
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					
Power adaptor	Full IP67 Waterproof Power adaptor : Specifications may vary by country (75W / 100 ~ 305V AC input / 12V DC output) / (75W / 100 ~ 305V AC input / 24V DC output)					

