

W15IT7T-POA4

15.6" Intel® Core™ i5 (Tiger Lake) PO Series HMI Panel PC



KEY FEATURES

- Intel® Core™ Tiger Lake UP3 i5-1135G7 (Without vPro) / Intel® Core™ Tiger Lake UP3 i5-1145G7E (With vPro)
- 1920 x 1080 Resolution
- Projected capacitive multi-touch screen
- Multi display supports DP / HDMI / LVDS / eDP panel interface
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.2 Gen. 1 Ports
- Front IP65 water and dust proof
- 12V Single Voltage Power Input



SPECIFICATIONS

Display			
Resolution	1920x1080	Size	15.6 inches
Contrast Ratio	800:1	Panel Brightness	300.0 nits
View Angles	85,85,85,85	Active Area	344.16x193.59 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)
Storage	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
Dimension	392.2 x 268 x 65 mm	Mounting	Open Frame Panel Mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		

Certification

Certification CE, FCC

IO Ports

Power Input 1 x 12V DC, Din4 pin connector

Serial Port 1 x RS232/422/485 (Default RS232)
1 x RS232

Audio Mic in
Line out

LAN 2 x Giga LAN RJ45 Connector

Brightness Knob 1 x Brightness Adjustment Knob

USB Port 4 x USB3.2 Gen2x1 (Type-A)

Video 1 x DP1.4
1 x HDMI 2.0 (Optional)

Expansion Port 1 x M.2 2242/2280 Key M slot for SATA/NVMe SSD
1 x M.2 2230 Key E slot for WiFi (Optional)

Indicator 1 x LED Indicator for power
1 x LED Indicator for storage

Control

Button 1 x Power Button
1 x Reset Button

Accessory

Accessory 100~240V AC to DC Adapter
Power Cord
VESA screws

Power

Power Rating 12V DC

Adapter

12V 120W

DIMENSIONS UNIT:MM

