

LPC-P185WAG-2TxD

18.5" (1920*1080) Defence P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i3/i5 Processors, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C



Features

- ▶ Intel® Tigerlake-UP3 Core™ i3/i5 Processors
- ▶ 18.5" P-cap Flat Bezel
- ▶ 1920*1080 FHD Resolution LCD
- ▶ MIL-STD EMC, Shock & Vibration
- ▶ Bezel-Free Design
- ▶ Fanless Design
- ▶ DC 12~24V Wide Range Power Input
- ▶ IP65 / 66 Front Panel
- ▶ Power Input by D38999 Connector

System

Processor	Intel® TigerLake-UP3 Core™ i3/i5 Processors
System Memory	2 x DDR4 SO-DIMM, up to 64GB
External I/O Port	4 x USB 3.2 Gen2 Ports 2 x RJ45 LAN (Intel® I225-LM supports 2.5GbE LAN) 1 x Display Port 1 x HDMI 4 x RS-232/422/485 1 x Audio out 1 x Power press button 1 x D38999 Connector for Power Input
Storage	1 x 2.5" Storage Bay 1 x M.2 M-key(NVME) 2280 Socket
Operating System	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 21H2, Pre-test) Linux Ubuntu 22.04 (64-bit, by request) Linux Yocto Project 3.1 (64-bit, by request)
Expansion	1 x M.2 B-key 2242/3042 (SATA 3.0, PCIe x1, USB 2.0) 1 x M.2 E-key 2230 (PCIe x1, USB 2.0)

LCD

Display Type	18.5" TFT LCD
Max. Resolution	1920*1080
Max. Color	16.7M
Luminance	350 nits
Contrast Ratio	1000 : 1
View Angle	89/89/89/89

Power Requirement

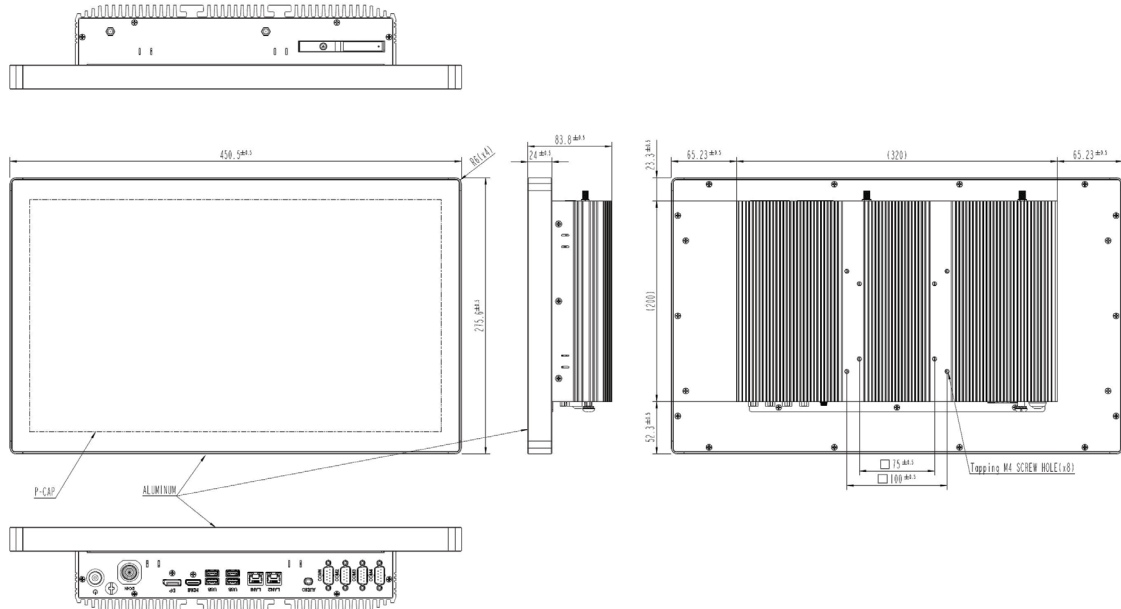
Power Input	DC 12~24V Wide Range Power Input with 19Vdc MIL-STD-461G Adapter
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Environment

Mounting	VESA Mount 75 x 75 / 100 x 100 by M4 Screw Hole, Panel Mount
Certification	FCC / CE Class A Certification MIL-STD-461G CE101/CE102 Compliant
Operating Temp	-40~70 °C · IEC-60068-2-1/2/14
Storage Temp	-40~70 °C
Humidity	10~90% @40 °C, non-condensing
Vibration & Shock	MIL-STD-810H, Method 514.8, Procedure I, 5~500Hz (Compliance) MIL-STD-810H, Method 516.8, Procedure I, 20g 11ms (Compliance)
Dimension	450.5 x 275.6 x 84mm

* All specifications are subject to change without prior notice.

Dimension & I/O Connector



Ordering Information

LPC-P185WAG-2T3D	18.5" (1920*1080) Defence P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i3-1115G4E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C
LPC-P185WAG-2T5D	18.5" (1920*1080) Defence P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i5-1145G7E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C

Ordering Code

LPC-P185WAG-2TxD -H / -OB / -B / -AG / -AR / -V

H = High Brightness 1000 nits LED backlight

OB = Optical Bonding

B = Glass Without Touch

AG = Anti-Glare

AR = Anti-Reflection

V = Vandal Proof Glass (By Project)

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