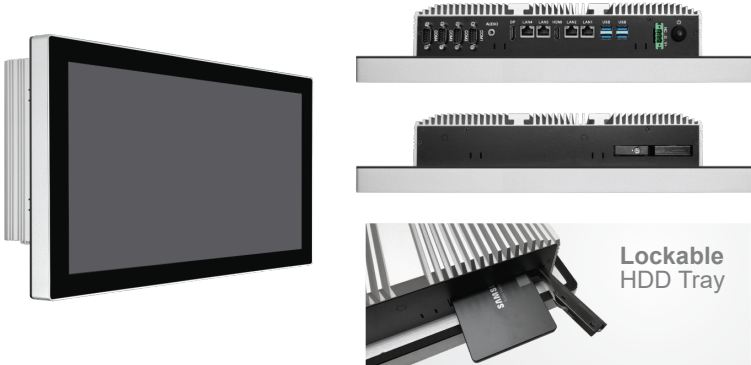


LPC-P185W-2WX

18.5" P-cap Panel PC with 8th Gen
Core i7 / i5 / i3, IP65 / 66 Bezel-Free and
Wide Range Power Input

Features

- ▶ -30 ~ 70°C Operating Temp
- ▶ IEC60945 Certified / DNV Compliance
- ▶ IP65 / 66 Front Panel
- ▶ Bezel-Free Fanless Design
- ▶ 3-Pin Power Input Terminal Block
- ▶ DC 9~36V Wide Range Power Input
- ▶ 1920*1080 Resolution
- ▶ 350 nits LED Backlight
- ▶ Optional 1000 nits LED Backlight
- ▶ Lockable HDD Tray
- ▶ -30°C Cold Start



System

Processor	Intel® 8th Gen Whiskey Lake-U Series Core™ i7/i5/i3
System Memory	DDR4 SO-DIMM, up to 32 GB
External I/O Port	4 x USB 3.0 4 x GbE LAN (I210-AT & I219LM, AMT 11.x supported) 1 x Display Port 1 x HDMI 4 x RS-232/422/485 1 x Audio 1 x Power press button 1 x 3-Pin Power Input 1 x Lockable HDD Tray
Storage	2 x SATA3 (6.0Gb/s) 1 x mSATA (full size mini-PCIe)
Operating System	Windows 10 IoT Enterprise LTSC/SAC 1809 (64-bit, RS5)
Expansion	3 x M.2 key1 (w/NANO SIM-Holder)

LCD

Display Type	18.5" TFT LCD
Max. Resolution	1920*1080
Max. Color	16.7M
Luminance	350 nits
View Angle	189/ 189
Backlight Lifetime	30,000 hours

Environment

Operating Temp	-30~70 °C · IEC-60068-2-1/2/14
Storage Temp	-30~70 °C
Humidity	10~90% @40 °C, non-condensing
EMC	FCC / CE Class A Certification CE Class B Compliant
Vibration	1.5 Grms @10~500Hz, IEC-60068-2-64

Power Requirement

Power Input	3-Pin Power Input Terminal Block
	DC 9~36V Power Input
	Input on board fuse / Input reverse / Over current / Output short circuit protection

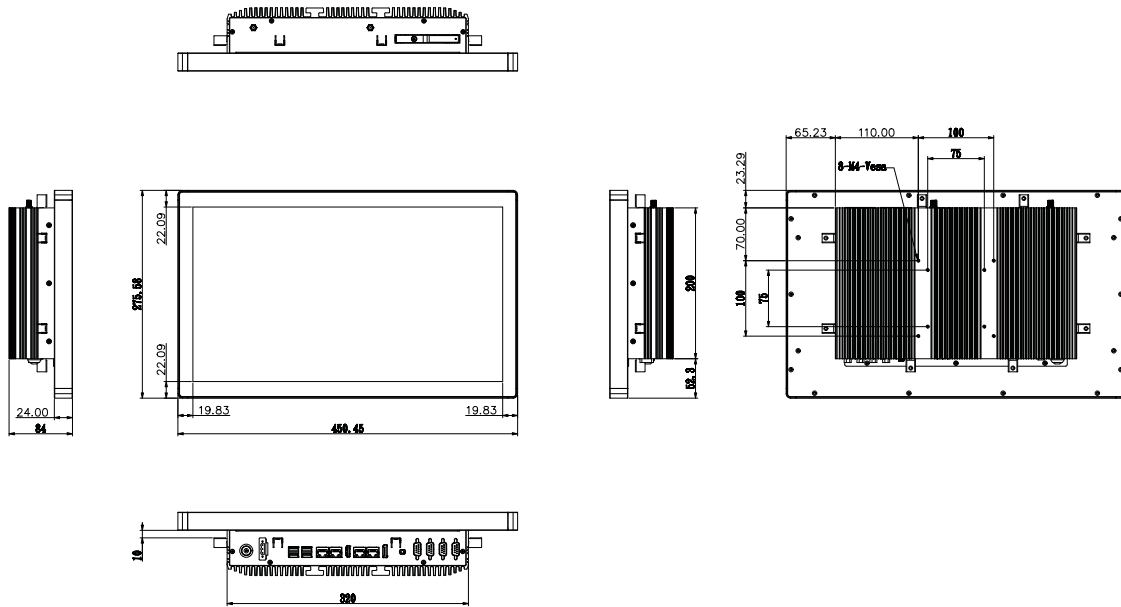
Mechanical

Construction	Aluminum Front Bezel and Case
IP Rating	Front Panel IP65 / IP66 Compliant
Mounting	VESA / Panel Mount
Dimension	450.45 x 275.58 x 84

Touch Screen

Type	18.5" P-cap USB
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Dimension & I/O Connector



Ordering Information

LPC-P185W-1W3	18.5" P-cap Panel PC with Whiskey Lake i3-8145UE, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A)
LPC-P185W-1W5	18.5" P-cap Panel PC with Whiskey Lake i5-8365UE, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A)
LPC-P185W-1W7	18.5" P-cap Panel PC with Whiskey Lake i7-8665UE, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A)
WFK-024	WiFi kits w/ cable & Antenna (2.4GHz, 802.11 b/g/n, 1T1R)
WFK-524	WiFi kits w/ cable & Antenna (2.4 & 5GHz, 802.11 a/b/g/n/ac + BT, 2T2R)
04-US-26-00002	120 W / 24V power adapter with 3 pin terminal block (For High Brightness Model)

Ordering Code

LPC-P185W-2WX Series	-H / -OB / -G / -AG / -AR / -B / -V
H = High Brightness 1000 nits LED backlight	
OB = Optical Bonding	
G = Glass without touch	
AG = Anti-Glare	
AR = Anti-Reflection	
V = Vandal Proof Glass (By Project)	

Ordering Example

LPC-P185WH-1W5	18.5" P-cap Panel PC with Whiskey Lake i5-8365UE, 1920 x 1080 Resolution, 1000 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A)
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