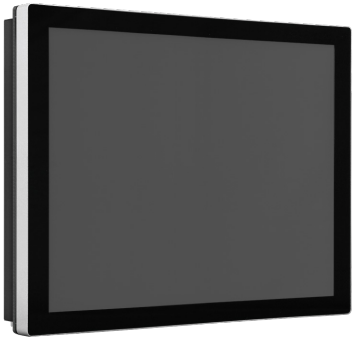
LPC-P190S-1X

19" P-cap Panel PC with 7 / 6 Gen Core i7 /5 /3 , IP65 / 66 Bezel-Free and Wide Range Power Input



Features

- -20 ~ 60°C Operating Temp
- IP65 / 66 Front Panel
- Bezel-Free Design
- Fanless Design
- 3-Pin Power Input Terminal Block
- DC 9~36V Wide Range Power Input
- 1280*1024 Resolution
- 350 nits LED Backlight
- Optional 1000 nits LED Backlight
- Lockable HDD Tray
- Cold Start -20°C

System	
Processor	7th/6th Gen Kaby Lake-U/Skylake-U Core™ i7/i5/i3
System Memory	DDR4 SO-DIMM, up to 16 GB
External I/O Port	4 x USB 3.0
	2 x GbE LAN (I210-AT & I219LM, AMT 11.x supported)
	1 x Display Port
	1 x HDMI
	3 x RS-232
	1 x RS-232/422/485 (COM1)
	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	6th Gen CPU for Win 7 Pro/ WES7 / Win 8 / Win 10
	7th Gen CPU for Win 10
Expansion	2 x MiniPCIe Slot (1 x Nano Sim Holder)

LCD	
Display Type	19" TFT LCD
Max. Resolution	1280*1024
Max. Color	16.7M
Luminance	350 nits
View Angle	85/85/80/80
Backlight Lifetime	30,000 hours

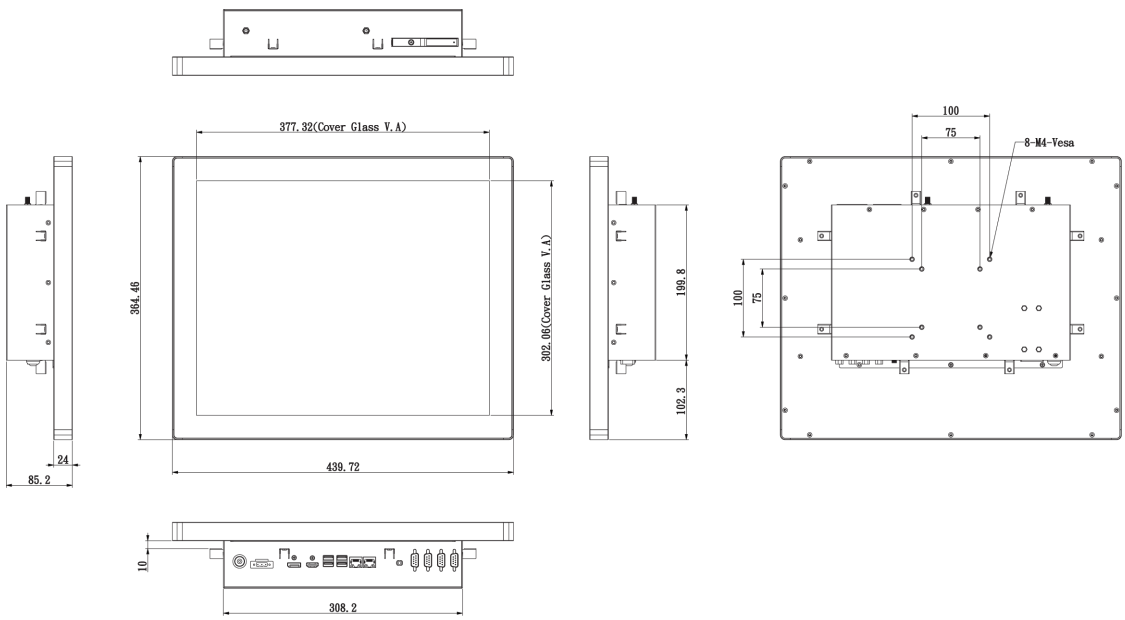
Environment	
Operating Temp	-20~60 °C，IEC-60068-2-1/2/14
Storage Temp	-30~70 °C
Humidity	10~90% @40 °C, non-condensing
EMC	FCC / CE Class A Certification
	CE Class B Compliant
Vibration	1.5 Grms @10~500Hz, IEC-60068-2-64

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 Metal Case
IP Rating	Front Panel IP65 / IP66 Compliant
Mounting	VESA / Panel Mount
Dimension	364.46 x 377.32 x 85.2 mm

Touch Screen	
Type	19" P-cap USB

Dimension & I/O Connector



Ordering Information	
LPC-P190S-15	19" P-cap Panel PC with i3-6100U, 1280 x 1024 Resolution, 350 nits, DC 9~36V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)
LPC-P190S-16	19" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, 350 nits, DC 9~36V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)
LPC-P190S-17	19" P-cap Panel PC with i7-6600U, 1280 x 1024 Resolution, 350 nits, DC 9~36V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)
LPC-P190S-18	19" P-cap Panel PC with i5-7300U, 1280 x 1024 Resolution, 350 nits, DC 9~36V Power Input with Fuse Protection, 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-P190S-1X Series	-H / -OB / -G / -AG / -AR / -B / -V
H = High Brightness 1000 nits LED backlight	
OB = Optical Bonding	
G = Glass withtout touch	
AG = Anti-Glare	
AR = Anti-Reflection	
V = Vandal Proof Glass (By Project)	

Ordering Example	
LPC-P190SH-16	19" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, 1000 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A)