

FPPC-Serie: 10"/12.1"/13"/15"/17"/19"/21"/24"

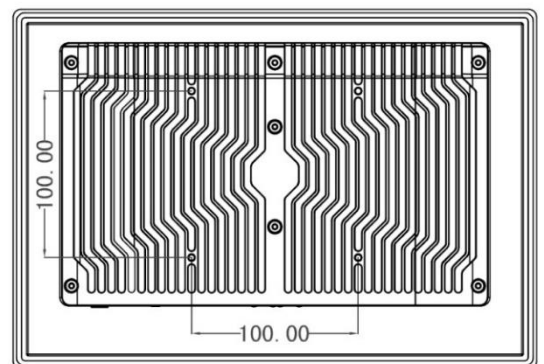
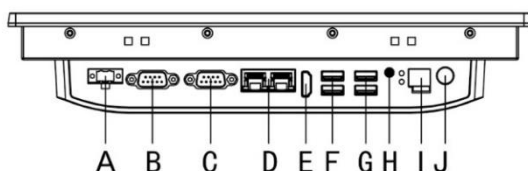
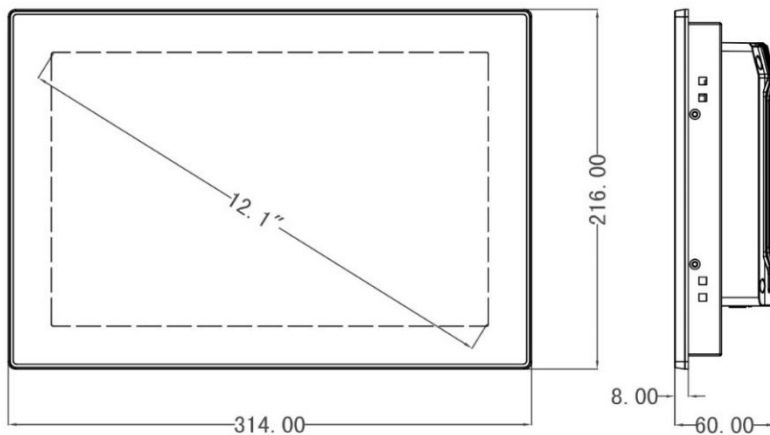
INDUSTRIAL PANEL PC

Product Features

- 10" – 24" LED Touch up to 1500 cd/m2
- Intel Core i3 / i5 (Fanless)
- 4-32GB RAM DDR3L 1333MHz
- 2x LAN, 2x COM-Port RS232/422/485 (selectable)
- 8KV Static Electricity & 600W TVS Surge Protection
- wide range input voltage: DC 9V~36V
- extended operating temperature: -20°C ~ 70°C
- IP65 compliant Front Panel



Dimensions



I / O Definition:

- | | |
|----------------------------|------------------------------|
| A. DC 9V~36V | B. COM1:RS-232 / 422 / 485 |
| C. COM2:RS-232 / 422 / 485 | D. 2 x LAN |
| E. H-DMI | F. 1 x USB 3.0 / 1 x USB 2.0 |
| G. 2 x USB 2.0 | H. Audio |
| I. Extension Switch | J. Power Button |

Panel Cutout Dimensions: 300 x 203 mm (11.81 x 8.00 in)

Power & Environment (FPPC-12.1W)

Operating Temperature	-20~70°C	Material	High-strength Aluminium-alloy
Storage Temperature	-20~80°C	Color	Gray
Relative Humidity	5%~95% at 40°C, non-condensing	VESA Mounting	VESA: 100 x 100 mm
Vibration Range	5-500 Hz, 0.026 G2/Hz, 2.16 Grms X, Y, Z, 1 hour per axis	Waterproof Rate	IP65
External Power Supply	AC 100 - 240V~50/60Hz, 1.5A	Product Dimension	314 x 216 x 60 mm
Working Voltage	DC IN 9V~36V	Cut-out Size	300 x 203 mm
Power Consumption	≤30W	Packing Size	450 x 170 x 350 mm

System

I / O

CPU	Intel i3, 8145U, 2,1-3,9 GHz, Dual-Core Intel i5, 8265U, 1,6-3,9 Ghz, Quad-Core		
OS System	Windows 10, Linux, Unix, QNX	HDMI	1x
RAM	4 / 8 / 16 / 32 GB DDR4L	LAN	2x
Storage	64 / 128 / 240 / 480 GB / 1 TB / 2 TB	USB	3 x USB2.0 / 1 x USB3.0
Graphics	Intel HD Graphics	COM (selectable)	2 x RS-232 or 422 or 485
Network	Intel® I211-AT GbE LAN	Wireless Network	4G / WiFi / Bluetooth (Optional) <i>Intel 8265AC</i>
Audio	Realtek ACL662 Audio controller	Other I/O Interface	1 x Power Switch
TPM	TPM 2.0	SIM-Card-Slot	

LCD Panel: (FPPC-12.1W)

Panel Size	12.1" LED	Touch Screen Type	Multi-Touch PCAP resistive touch
Resolution	1280 x 800	Transmittance	>90%
Aspect Ratio	16:1	Response Time	<5ms
Display Brightness	450 cd/m2 / optional: 1000, 1500 cd/m2	Surface Hardness	≥7H
Contrast Ratio	700:1	Supply Voltage	5.0V DC
Viewing Angle	80 / 80 / 80 / 60 (CR≥10) (L / R / U / D)	Touch Life	≥ 3000W

same hardware with different display sizes

Display Size	Resolution	Format	Brightness(cd/m2)	Viewing Angle	LCD Color	Backlight MTBF
10.1"	1280 x 800	16:10	400 cd/m ²	85/85/85/85	262K/16.2M	30000 Hr (min.)
10.4"	800x600/1024x768	4:3	350 cd/m ²	80/80/65/75	262K/16.2M	30000 Hr (min.)
12.1"	800x600/1024x768	4:3	400 cd/m ²	80/80/65/75	262K/16.7M	30000 Hr (min.)
12.1"	1280x800	16:10	450cd/m ²	80/80/80/60	262K/16.7M	50000 Hr (min.)
13.3"	1920x1080	16:9	400cd/m ²	85/85/85/85	262K/16.7M	50000 Hr (min.)
15"	1024x768	4:3	350cd/m ²	89/89/89/89	262K/16.2M	50000 Hr (min.)
15.6"	1920x1080	16:9	600cd/m ²	80/80/80/65	262K/16.2M	50000 Hr (min.)
17"	1280x1024	5:4	400cd/m ²	88/88/88/88	262K/16.7M	50000 Hr (min.)
17.3"	1920x1080	16:9	400cd/m ²	80/80/60/80	262K/16.7M	50000 Hr (min.)
19"	1280x1024	5:4	450cd/m ²	85/85/80/80	262K/16.7M	50000 Hr (min.)
21.5"	1920x1080	16:9	250cd/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)
24"	1920x1080	16:9	250cd/m ²	89/89/89/89	262K/16.7M	50000 Hr (min.)