

Entry Level Panel PCs

This series of products adopt a universal face frame, aluminum alloy structure, and fanless totally enclosed design. It has 7"~21.5" multi size options, supports desktop, wall mounted, embedded, cantilever, boom and other installation methods, and is widely used in industrial control, military, communication, power, network and other high-end automation fields.

Features >>

- Independent mold opening, designed for the channel.
- High precision die-casting aluminum die, pure plane design, IP65 dust-proof and waterproof.
- Self developed fanless industrial motherboard, with a variety of options.
- Conform to EMC anti electromagnetic interference standard.
- Industry grade protection, adapting multiple terrible environment.
- Support 12-36V wide voltage power supply.
- Equipped with dual networks, rich interfaces.
- Support desktop, wall mounted, embedded and other installation methods.



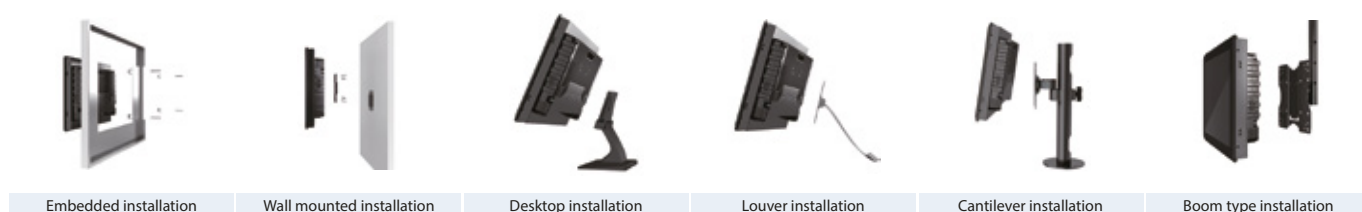
7"~21.5" optional



Product Model >>

Product size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
7"	GPC-EME-7	1024x600	16:9	300cd/m ²	500:1	75/75/70/75 (L/R/U/D)	 (7-8 inch small back cover)
8"	GPC-EME-8	1024x768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
10.1"	GPC-EME-101	1280x800	16:10	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	 (10.1-12 inch middle back cover)
10.4"	GPC-EME-104	1024x768	4:3	400cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	GPC-EME-116	1920x1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
12"	GPC-EME-120	1024x768	4:3	500cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
15"	GPC-EME-150	1024x768	4:3	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	 (15-21.5 inch large back cover)
15.6"	GPC-EME-156	1920x1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
17"	GPC-EME-170	1280x1024	5:4	300cd/m ²	1000:1	85/85/80/70 (L/R/U/D)	
17.3"	GPC-EME-173	1920x1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
19"	GPC-EME-190	1280x1024	5:4	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	GPC-EME-191	1440x900	16:10	300cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"	GPC-EME-215	1920x1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Product Installation >>



Product Specifications >>

Hardware Configuration

CPU	Intel® Celeron® J4125; Intel® CORE®: i3-6100U; i3-8145U; i3-10110U - i5-6200U; i5-8265U; i5-10210U - i7-6500U; i7-8565U; i7-10510U
Integrated graphics	Intel® UHD Graphics 600 (J4125); Intel HD Graphics 520 (6 th gen.); Intel UHD Graphics 620 (8 th , 10 th gen.)
RAM	4G DDR4 - Optional 8G (J4125); 4G DDR4 - Optional 8/16/32G (6 th , 8 th gen.); 8G DDR4 - Optional 16/32/64G (10 th gen.)
Storage	128G SSD - Optional 256/512G
System	Windows 7/10/11; Linux
WIFI	2.4GHz / 5GHz dual bands
Bluetooth	BT4.0 (optional)

Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB
Non Touch	Light transmittance: ≥ 92%

Reliability parameters

working temperature	Operating temperature: - 10 ° C~60 ° C, storage temperature: - 20 ° C~70 ° C
Operating humidity	Humidity: 95% non condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS

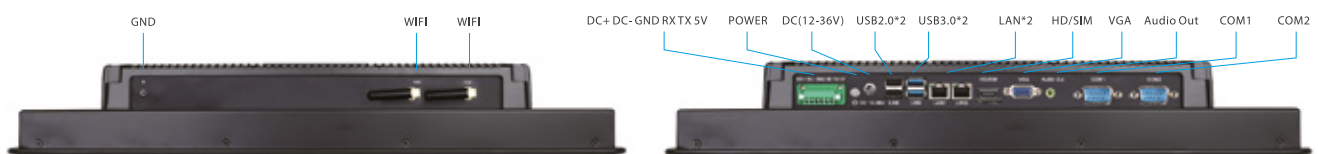
Other parameters

Power input	12V-36V power input
Static power	18W
Fuselage Properties	Body material: aluminum alloy, body color: classic black, technical silver
Warranty policy	One year free, extendable to 2 or 3 years on request
Installation method	Support embedded, wall mounted, desktop, louver, cantilever, boom and other installation methods

I/O Interface

Power interface1	1x DC2.5, Support 12V-36V wide voltage power supply
Power interface2	1x Industrial terminal, support 12V-36V wide voltage power supply
USB	2x USB 3.0, 2x USB 2.0
LAN	2x LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1x HDMI, support HDMI data output, maximum support 4K
SMI Card	1x SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
VGA	1x VGA
AUDIO	1x Audio Out, support audio output, headphone stand: 3.5mm standard interface
COM	2x RS232
POWER	1x POWER
WIFI antenna	2x WIFI antenna
Grounding column	Support (1x GND)

Interface Distribution >>



Only the 15 inch motherboard interface is displayed. Please refer to the actual object for details.