

Amber Series

Panel PC

VESA Fixing

Intel CORE i3

The overall feature of this product is "industrial quality, modern design", which not only conforms to industrial standards, but also adopts industrial aesthetic design, making the overall shape more simple and smooth. 10.1~21.5 inches can be selected to meet the actual use needs of different products under different environments.



Specific design for VESA fixing diversified installation methods: cantilever arm, boom type and embedded installation. The fuselage is made of aluminum alloy, which is not only suitable for humid, dust, electromagnetic interference and static environment in factories, but also can operate in outdoor high and low temperature, dust, exposure to sunlight, vibration and other environments.

Features >>

- Modern aesthetic design, fashionable and simple appearance, independent mold opening.
- Self developed fanless, high-performance, low-power industrial motherboard.
- High speed storage scheme with excellent computing power.
- High precision die-casting aluminum molding, efficient heat dissipation process
- Industrial quality, stable system operation.
- Equipped with dual networks and rich expandable interfaces.
- Support 12-36V wide voltage power supply.
- VESA fixing



Product Model >>

LCD size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
10.1"	GPC-AMB-101	1280*800	16:10	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	 (10.1-12 inch middle back cover)
10.4"	GPC-AMB-104	1024*768	4:3	300cd/m ²	800:1	75/75/70/75 (L/R/U/D)	
11.6"	GPC-AMB-116	1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
12"	GPC-AMB-120	1024*768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
15.6"	GPC-AMB-156	1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	 (15-21.5 inch large back cover)
15"	GPC-AMB-150	1024*768	4:3	300cd/m ²	700:1	80/80/70/70 (L/R/U/D)	
17"	GPC-AMB-170	1280*1024	5:4	300cd/m ²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"	GPC-AMB-173	1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
18.5"	GPC-AMB-185	1920*1080	16:9	300cd/m ²	600:1	75/75/70/75 (L/R/U/D)	
19"	GPC-AMB-190	1280*1024	5:4	300cd/m ²	1000:1	75/75/70/75 (L/R/U/D)	
19.1"	GPC-AMB-191	1440*900	16:10	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
21.5"	GPC-AMB-215	1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Product Installation >>



Desktop installation



Cantilever installation



Boom type installation

Amber Series

Product Specifications >>

Hardware Configuration

CPU	Intel Core I3-6100U	Intel Core I3-8145U	Intel Core I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Intel HD Graphics 520	Intel HD Graphics 620	Intel UHD Graphics 620
RAM	4G DDR4 (Optional 8/16/32G)	4G DDR4 (Optional 8/16/32G)	8G DDR4 (Optional 16/32/64G)
Storage	128G SSD (Optional 256/512G)		
System	Windows 7/10/11; Linux		
WIFI	2.4GHz / 5GHz dual bands		
Bluetooth	BT4.2		

Touch Screen

Capacitive Touch	Type of touch screen: projection capacitive touch screen Resolution: 500DPI Input mode: handwriting or capacitive pen Surface hardness: Mohs hardness 7H (according to ATSM D3363 standard) Touch times: ≥50 million times
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB

Environmental

Working Temperature	-10 °C ~ 60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing

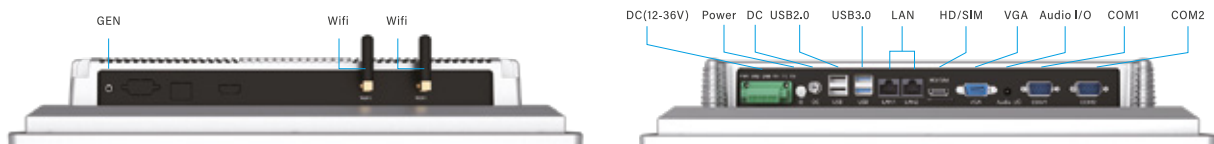
Other

Power Input	AC 100-240V 50/60Hz passed CE certification
Voltage Input	DC 12V ~ 36V
Static Power	18W
Fuselage Properties	Body material: aluminum alloy, Body color: technical silver, classic gun black
Warranty Policy	One year free, extendable to 2 or 3 years on request
Installation Method	VESA 75/100 fixing for cantilever arm, boom type and embedded installation

I/O Interface

DC	1x screw connector jack 2.5 mm (12-36Vdc)
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 1080P
SMI Card	1x SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
VGA	1x VGA
AUDIO	1x Audio I/O, support audio input and output
RS232	2x RS232 (Optional: RS485, RS422)
Industrial terminal	1x Industrial terminal
OTHERS	1x Power, 1x GEN, 2x WIFI

Interface Distribution >>



Only the 15 inch interface is displayed. Please refer to the actual object for details.
* All specifications and photos are subject to change without notice.