

Waterproof Series

Panel PC

IP68 Protection

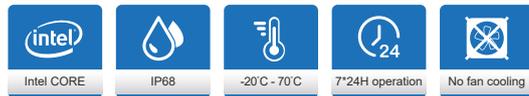
J1900 | Intel CORE i3-i5-i7

Waterproof Series industrial Panel PC, with IP68-rated (maximum depth of 1.5 metres for up to 30 minutes) enclosure and M12 connectors, can effectively prevent water and dust from entering. Flexible I/O options with M12 connector, including HDMI/USB/RS232/RJ45/GPIO/WIFI, etc., which ensure connectivity and compatibility.

With VESA mounting, the computer can be quickly and securely attached to the stand, widely used in sailing boats, medical equipment, liquid production equipment, food industry, chemical production and other outdoor applications.

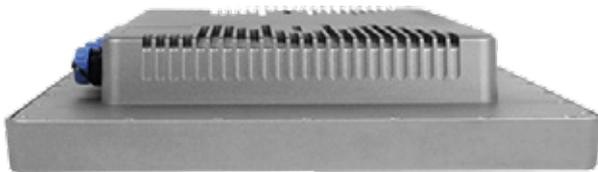
Features >>

- Aluminum alloy shell, whole PC IP68 Waterproof
- M12 I/O industrial connectors for optional: VGA/LAN/USB/COM
- Anti-vibration radiation layout structure design, internal anti-interference
- Power supply DC 12V ~ 24V or 9V ~ 36V Input
- Powerful and stable operating system



Product Model >>

Product size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)	Weight (kg)
8.4"	GPC-IP68-84	800 x 600	4:3	450 cd/m ²	600:1	80/80/80/60 (L/R/U/D)	235 x 185 x 55	5
10.4"	GPC-IP68-104	800 x 600	4:3	400 cd/m ²	500:1	70/70/60/70 (L/R/U/D)	265 x 210 x 42	5
12"	GPC-IP68-120	800 x 600	4:3	400 cd/m ²	800:1	80/80/65/75 (L/R/U/D)	310 x 240 x 42	5
15"	GPC-IP68-150	1024 x 768	4:3	350 cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	362 x 285 x 42	7
15.6"	GPC-IP68-156	1920 x 1080	16:9	600 cd/m ²	800:1	80/80/80/65 (L/R/U/D)	398 x 247 x 52	7
17"	GPC-IP68-170	1280 x 1024	5:4	400 cd/m ²	1000:1	88/88/88/88 (L/R/U/D)	395 x 327 x 42	8
19"	GPC-IP68-190	1280 x 1024	5:4	450 cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	430 x 355 x 42	8
21.5"	GPC-IP68-215	1920 x 1080	16:9	400 cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	530 x 321 x 42	12



Product Installation >>



Waterproof Series

Product Specifications >>

Hardware Configuration

CPU	Intel Celeron J1900 2.0GHz - Intel Core i3-6100U 2.4GHz / i5-6200U 2.5GHz
GPU	Intel HD Graphics (J1900) - Intel HD Graphics 520 (i3-i5)
RAM	4-8 GB DDR3L 1333MHz (Celeron); 4-16 GB DDR4L 2133MHz (i3-i5)
Storage	1 x mSATA 32G SSD / (64 GB / 128 GB / 256 GB / 512 GB SSD) Optional
System	Windows 7/8/10, Linux
WIFI	Optional
Bluetooth	Optional

Touch Screen

Resistive Touch	<p>Touch screen type: resistive Light transmittance: $\geq 85\%$ Input mode: handwriting or pen or gloves Controller communication: USB</p>
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Environmental

Working Temperature	-10 °C ~ 60 °C -20 °C ~ 70 °C on 19" and 21.5"
Storage Temperature	-20 °C ~ 80 °C
Operating Humidity	5% ~ 95% @ 40 °C, Non-Condensing

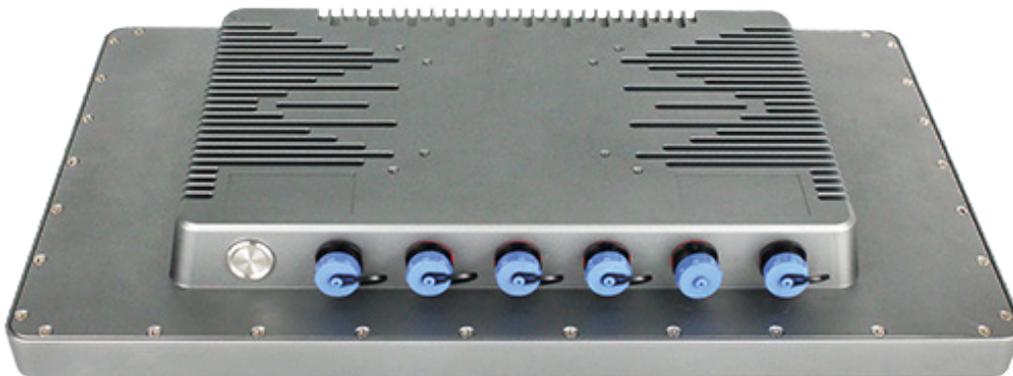
Other

Power Input	AC 100-240V 50/60Hz adapter
Voltage Input	DC 12V ~ 24V; 9V ~ 36V Input Optional
Fuselage Properties	Body material: aluminium alloy shell
Warranty Policy	One year free, extendable to 2 or 3 years on request
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc

I/O Interface

DC	1x Power Switch
USB	4x USB Optional
LAN	1x LAN Optional
HDMI	1x HDMI Optional
VGA	1x VGA Optional
RS232	2x RS232 Optional

Interface Distribution >>



* All specifications and photos are subject to change without notice.