



FEATURES

- 15.6" IPS LCD Screen (1920 x 1080 Resolution)
- Powerful ARM Processor (Optional Intel CPU)
- Android 11 OS (Optional Window 11)
- Anti-corrosion 316L Stainless Steel Chassis
- IP65 Water & Dust Protection
- 1 Emergency Stop Button
- 3 Customizable Push Buttons
- Sunlight-Readable Display
- Capacitive Touch Screen (Support Glove or Wet Touch)

The PPC-A1500 is the ultimate rugged Panel PC, meticulously engineered for the harshest industrial environments. Its corrosion-resistant 316L stainless steel body ensures long-lasting durability, even in highly corrosive settings like car washes or food processing industries. With a sunlight-readable 15.6" IPS LCD display and capacitive 10-point multi-touch, it offers crystal-clear visuals and precise interaction, no matter if you are indoor or out in challenging conditions. Powered by a Quad-core Cortex-A55 processor and running on Android 11 (optional Intel N200 CPU and Window OS), this device delivers seamless performance. Enhanced with an Emergency Stop Button and customizable push buttons, the PPC-A1500 is a reliable and adaptable command center designed to maximize safety and efficiency in demanding applications.

SPECIFICATIONS

RUGGEDNESS

IP Rating	IP65
ESD Protection	±8kV (Air), ±4kV (Touch)
EMC Test	Follows FCC

SYSTEM

Processor	Rockchip RK3568 Cortex-A55 Quad-Core Optional: Intel CPU N200 CPU
GPU	Mali G52
Memory	3GB LPDDR4 Optional: 4GB / 8GB
Storage	32 GB Optional: 64GB / 128GB
OS	Android 11 Optional: Linux or Window 11

DISPLAY

Screen Size	15.6" IPS LCD
Resolution	1920 x 1080
Brightness	600 nits
Touch Screen	Capacitive 10-Point Multi-Touch

COMMUNICATIONS

Wi-Fi	WiFi 6 802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth V4.2

POWER

AC Adapter	Input AC 100-240V, Output DC 12V 3A
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I/O INTERFACE

Audio	Optional
Camera	Optional
Ports	1 x 1000M Ethernet 1 x USB 2.0 1 x UART 1 x DC in
Buttons	Power On/Off Button, Support 10s Hard Reset 3 x Programmable Buttons 1 x Emergency Stop Button

MECHANICAL

Chassis	Front Chassis: 316L Stainless Steel Rear Chassis: 316L Stainless Steel Mounting: 100mm x 100mm VESA Mount
Dimensions	420.4 x 321.4 x 60mm

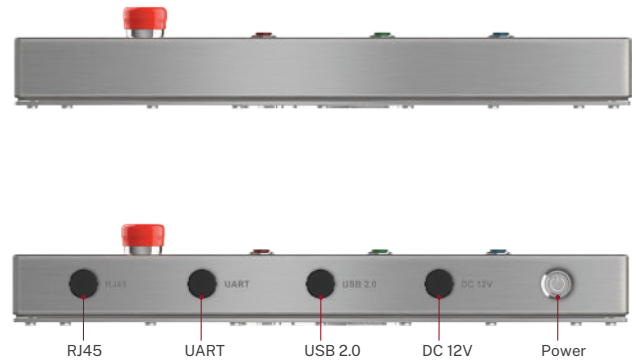
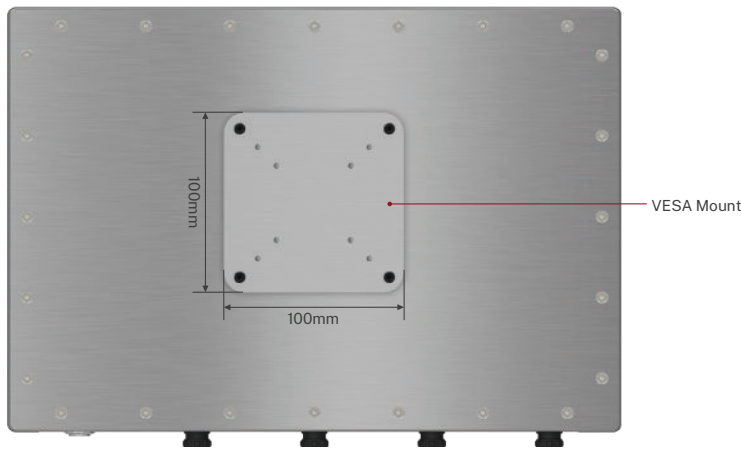
ENVIRONMENTAL

Temperature:	
- Operation	0°C to 50°C
- Storage	-20°C to 60°C
Humidity	10% to 90% Non-condensing

REGULATORY

Certification	FCC, RoHS Compliant
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DIMENSIONS AND SYSTEM LAYOUT



MARKET & APPLICATIONS:

Food & Beverage Manufacturing Industry

Automatic Car Wash Systems

Outdoor Industrial Operations

Pharmaceutical and Chemical Manufacturing

Agricultural and Farming Equipment

Oil and Gas Industry