

Fully Waterproof All-in-One PC (Aluminum Alloy / Stainless Steel)

6.5" - 27" Industrial Waterproof Touch All-in-One PC — IP66 Whole Machine

〈 不锈钢款 〉



01 Display Characteristics

Screen Size	6.5" - 27" (customizable)
Panel / Resolution	TFT-LCD; 800x600 up to 3840x2160 (multiple standard options)
Aspect Ratio / Contrast	4:3/5:4/16:9/16:10/17:10/21:9; 700:1/1000:1/1200:1
Brightness	250-300 cd/m ² std. (400-1500 cd/m ² customizable), sunlight readable
Viewing Angle	L/R 165°/U/D 155° (178°/178° full-view optional)
Refresh / Response / Colors	60Hz / 7ms; RGB ≥ 70% / 16.7M
Backlight / Lifetime	LED / ≥ 50,000 Hours

02 Touch

Touch Technology	Capacitive / Resistive
Touch Structure / Hardness	G+G / G+P / G+F; 4H/5H (customizable)
Touch Force / Life	30g-75g (resistive); 35M/50M cycles (theoretical)
Touch Protocol	USB / I2C / RS232

03 Motherboard & System

Motherboard / BIOS	Mini-ITX (industrial grade) / AMI BIOS
CPU / Chipset	Intel Celeron J1900, i3/i5/i7 / SOC, HM77/65, H81, H110
Memory / Storage	DDR3 2GB std. (upgradable to DDR4 4/8/16GB) / SSD 32GB std. (upgradable 64/128/256GB, HDD optional)
Graphics / LAN	Integrated Intel HD Graphics (discrete GPU optional) / RTL8111F Gigabit LAN (Intel I210 dual LAN optional)
Wireless / Audio	IEEE802.11 2.4G/5G, Bluetooth 4.1 (optional) / 8Ω 2W speaker
Dual Display / Positioning	Internal LVDS + external VGA/HDMI / GPS BeiDou dual-freq, GLONASS, Galileo (optional)
Mobile Network / Wake-on-LAN	3G/4G (optional) / Supported, PXE boot
Power Mgmt / OS Support	ACPI, S4/S5 wake, power-on restart / Embedded, Windows Server/XP/7/8/10, Linux, Unix, Chrome OS, DOS, virtual Android

04 Interfaces (dedicated IP67 waterproof connectors)

Video	HDMI x1, VGA x1 (optional), LAN x1 (2 optional)
USB / Audio	USB3.0 x1, USB2.0 x1 (more optional); Audio/Mic x1
Serial	RS232 x1, RS485/422 x1 (optional), LPT x1 (optional)
Wireless / Other	WiFi/GPS antenna x1; PS/2 x2, SIM slot x1, PCI x1, GPIO x4 (all optional)
Power	DC input

05 Enclosure & Whole Machine

Front Frame / Rear Cover	Aluminum alloy or stainless steel / Aluminum, cold-rolled plate, or stainless steel
Surface Treatment	Anodized brushed finish or powder/paint coating
Waterproof Rating	IP66 (whole machine)

Color / System Language	Silver/Black (customizable) / Multi-language (per region)
Input Voltage	AC100-240V adapter, DC12V output (internal AC optional)
Power Consumption	Per size/function requirement — inquire for details*
Mounting	VESA wall mount, embedded/flush mount, latch mount, etc.
Operating Temp / Humidity	-10°C to 60°C (customizable) / 5%-100%
Product Dimensions	Per detailed spec (custom sizes available)*
Warranty	1 year free of charge (excluding man-made damage)

06 Accessories, Packaging & Certification	
Power Adapter	AC100-240V input, DC12V4A output
Accessories Included	Power cable, mounting screws, fixing bracket, manual, warranty card, certificate*
Packaging	PE bag, EPE foam, corrugated carton
Certification	CE / FCC / RoHS

Product Highlights

- Flat-panel aluminum alloy (SUS304/316) & stainless steel builds; cabinet, wall-embedded, or wall-mounted installation
- Industrial-grade Intel motherboard, high-quality components, full interface range, low power consumption, optional wide-voltage input, 24/7 continuous operation
- IP66/67 dust & water protection for outdoor, humid, dusty, and high-pressure-washdown environments
- Wide operating temperature range, customizable -20°C to 70°C
- Sunlight-readable brightness, customizable up to 1500 cd/m²
- Industrial resistive/capacitive touch, usable when wet or dirty; AG/AR/AF surface options; customizable IK rating
- Explosion-proof, shock-, EMI-, and ESD-resistant — compliant with LVD and EMC standards
- Supports Android, Windows, and all Linux-kernel-based operating systems

For detailed configurations and pricing, please contact our sales team: +86 132 4487 5669 (WhatsApp/WeChat)