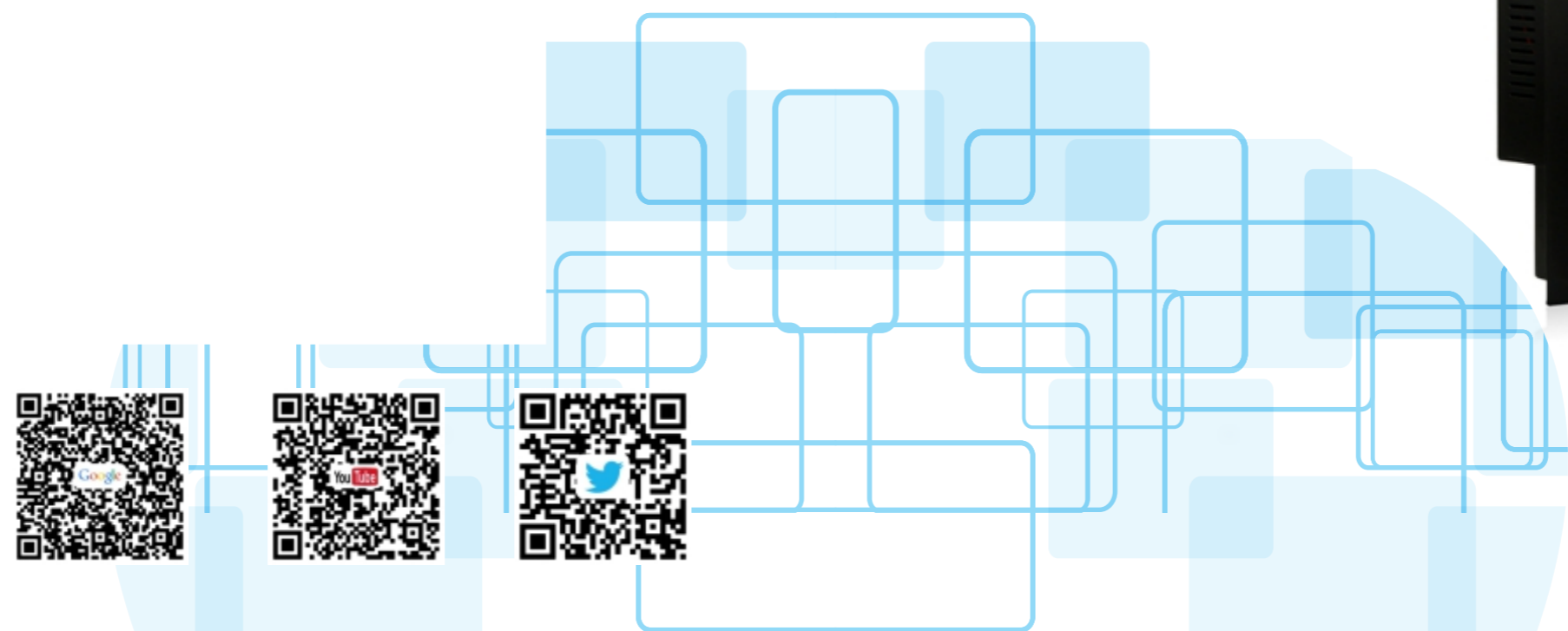




WECON Industrial Panel PC Catalog 2017



HARDWARE FEATURES

WPC-Series Industrial PC

Main Features



- Intel Baytrail J1900 4-Core CPU , 178°full view LED screen, high resolution ;
- Shell is made in matte and smooth steel plate, more beautiful and more stable.
- USB3.0 supported, two ways 1000MB Ethernet network support, WIFI is optional.
- Resistance touch screen with dust-proof and oil-proof, the life-time is more than 30 million times.
- Turn-on by power supported, support uninterrupted running with 24 hours. All capacitors are solid-state
- Stainless steel power switch, aviation plug for power-supply port.
- A lot of installation ways: Embedded, VESA cantilever, Wall hanging, Desktop stand. There are one carrier for desktop stand and a set of metal buckles for embedded installation(4 pcs)
- 2-channel Built-in speakers.
- WPC could be applied in industrial automation, Manufacturing, smart equipments, Human-machine interfacing.
- VGA and HDMI output
- SSD solid disk supported



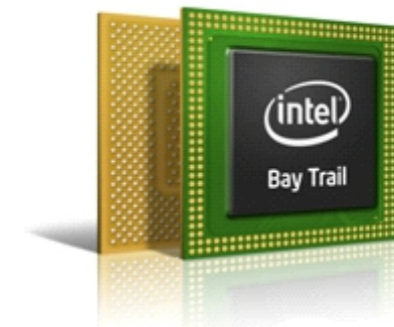
HARDWARE FEATURES

WPC-Series Industrial PC

CPU



- Intel Baytrail J1900 4-Core CPU , lower power assumption and higher speed.
- Best fanless cooling performance without noise



Interface and Ports



- Maximum 6 serial ports, RS232/RS485/RS422 supported
- USB2.0(maximum 4) and USB3.0(maximum 1) supported
- VGA and HDMI output supported
- 1000MB Ethernet network support(Maximum 2), WIFI is optional.
- Microphone and speakers.
- DC 12V power supply



WPC-Series Industrial PC

OS and Software



- Windows7/Windows 8/Windows10
- SCADA software based on Windows system
- Linux System supported(it is supported by customer themselves)



INSTALLATION

WPC-Series Industrial PC



VESA



Wall-hanging style



Desktop type



Embedded installation

APPLICATIONS

WPC-Series Industrial PC

- Industrial automation
- Environment monitoring
- Building advertisement
- SCADA system
- Digital Labeling
- Military and Aero-space
- Sales and POS system
- IoT system



SPECIFICATIONS

| IPC | 10" | 12" | 17" | 21.5" |
|-----|-----|-----|-----|-------|
|-----|-----|-----|-----|-------|

| Items/Models | WPC-100403A | WPC-120403A | WPC-170403A | WPC-211609A |
|-------------------------------|----------------------------|---|---|---|
| Hardware | | | | |
| CPU | Intel Celeron J1900 | Intel Celeron J1900 | Intel Celeron J1900 | Intel Celeron J1900 |
| Display Size | 10 inch | 12 inch | 17 inch | 21.5 inch |
| Display Ratio | 4:3 | 4:3 | 4:3 | 16:9 |
| resolution | 1024x768 | 1024x768 | 1280x1024 | 1920x1080 |
| Touch screen | 5 wire analog resistive | | | |
| Memory | 2G DDR3(4GB/8GB OPTIONAL) | | | |
| SSD*1 | 32G(64G/128G/HDD OPTIONAL) | | | |
| Power consumption | <25W | <25W | <35W | <38W |
| Power supply | 12V/5A | | | |
| Interfaces and ports | | | | |
| Network | 1x 1000Mb Ethernet ports | 1x 1000Mb Ethernet ports | 2x 1000Mb Ethernet ports | 2x 1000Mb Ethernet ports |
| VGA | 1x | | | |
| HDMI | 1x | | | |
| WIFI | Optional | | | |
| Serial ports*2 | 2x RS232 | 6x RS232(COM3 optional for RS422/RS485) | 6x RS232(COM3 optional for RS422/RS485) | 6x RS232(COM3 optional for RS422/RS485) |
| USB Host 2.0 | 3 | 7 | 1 | 1 |
| USB Host 3.0 | 1 | 0 | 3 | 3 |
| Operating system and software | | | | |
| Windows | Windows | Windows | Windows | Windows |
| Shell and sizes | | | | |
| Shell material | Steel | | | |
| Shell color | Black | | | |
| Size | 276×214×46mm | 316×260×87mm | 415×337×57mm | 552.9×345×57mm |
| Gross weight | 4kg | 5kg | 9kg | 11kg |
| Accessories | | | | |
| Switch power | 12V DC | | | |
| Buckles | Yes | | | |

*1 Please tell your Sales Rep. if you want to change the different SSD.

*2 Please tell your Sales Rep. if you need support RS485/RS422,RS232 is standard

▶ WPC-100403A



▶ WPC-120403A



▶ WPC-170403A



▶ WPC-211609A

