

CA-RU150R30XG CA-RU150P30XG

15-inch LCD Fanless Stainless Panel PC with
Intel® Kaby Lake Processor



Features

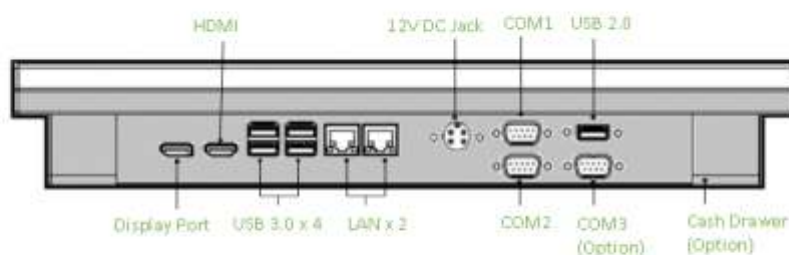
- Silent fanless design with high airtight chassis
- IP65 front panel for waterproof and dustproof applications
- 15.0" LCD with long-life touch screen and LED backlight for power saving
- support 5-wire resistive and 10 point P-CAP touch
- Rich I/O includes Dual Giga LAN, 2x COM, 5x USB 2.0/3.0, HDMI, and DP

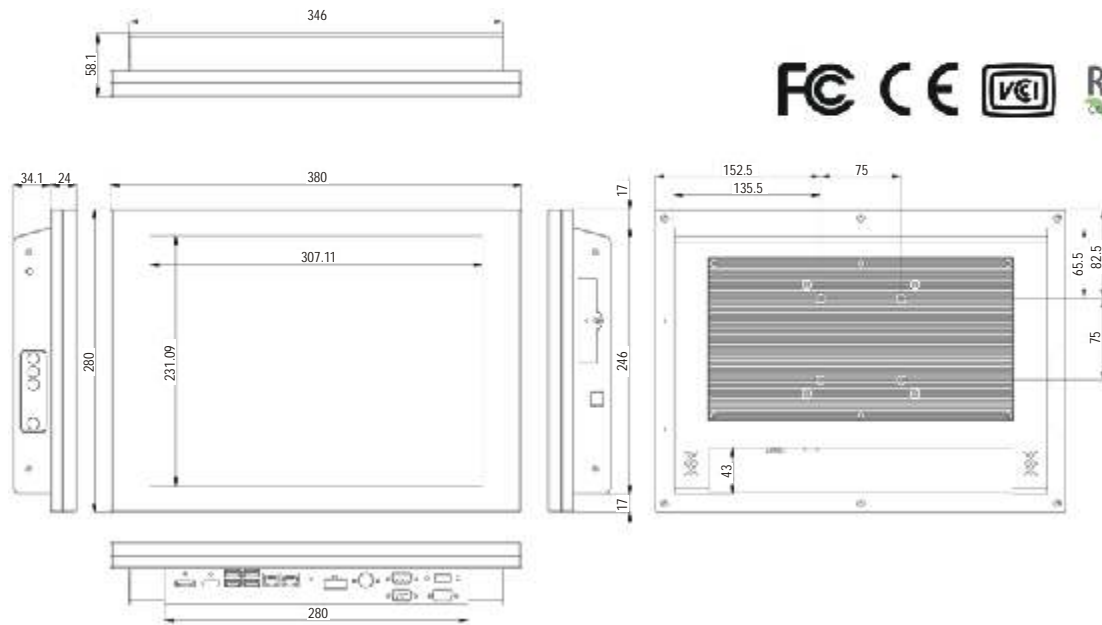
Packing List

- 15-inch Stainless Panel PC Machine
- Power Cord
- Adapter
- Driver DVD

Optional Configuration

- DDR4-2666 8GB memory
- DDR4-2666 16GB memory
- 500G SATA HDD
- 9~36 VDC (wide voltage)
- Windows 10 IoT Enterprise LTSB 2016
- Panel Mount Clamp set





Specifications

CA-RU150R30XG-7300U/7100U/3965U

CA-RU150P30XG-7300U/7100U/3965U

| | | | | |
|--------------------|--|---|---|---|
| LCD | Display Type | 15" TFT-LCD | 15" TFT-LCD | |
| | Panel ratio | 4:3 | 4:3 | |
| | Max. Resolution | 1024 x 768 | 1024 x 768 | |
| | Max. Colors | 16.7M | 16.7M | |
| | Luminance | 300 cd/m2 | 300 cd/m2 | |
| | Viewing Angle | 176°(H), 176°(V) | 176°(H), 176°(V) | |
| | LED Backlight (Hours) | 70,000 | 70,000 | |
| | Contrast | 2,500 : 1 | 2,500 : 1 | |
| | Response time | 21ms | 21ms | |
| Touch Screen | Type | 5-Wire Resistive Touch | P-CAP Touch | |
| | Touch Screen | Single | 10 point | |
| | Transparency | 80 ± 3% | Tavg > 85.00% | |
| | Viewing Angle | 309.50 (L) x 233.50 (W) ± 0.20 mm | 305.11 (L) x 229.10 (W) ± 0.20 mm | |
| | Active area | 303.50 (L) x 227.50 (W) ± 0.20 mm | 307.00 (L) x 231.00 (W) ± 0.20 mm | |
| | Total Thickness | 2.20 ± 0.20mm | 2.20 ± 0.20mm | |
| | System | Processor | Intel® Kady Lake i5-7300U Intel® Kady Lake i3-7100U Intel® Kady Lake Celeron® 3965U | Intel® Kady Lake i5-7300U Intel® Kady Lake i3-7100U Intel® Kady Lake Celeron® 3965U |
| | | Chipset | Integrated | Integrated |
| | | System Memory | 1x 260 pin DDR4-2666 SO-DIMM, up to 16GB | 1x 260 pin DDR4-2666 SO-DIMM, up to 16GB |
| Ethernet | | 2x LAN (RJ-45 on rear, 1x Intel® I219-LM, 1x Intel® I210-AT) | 2x LAN (RJ-45 on rear, 1x Intel® I219-LM, 1x Intel® I210-AT) | |
| I/O Port | | 1x USB2.0 | 1x USB2.0 | |
| | | 4x USB3.0 | 4x USB3.0 | |
| | | 1x RS232/422/485 | 1x RS232/422/485 | |
| | | 1x RS-232 (extra 1 x RS-232 is available) | 1x RS-232 (extra 1 x RS-232 is available) | |
| | | 2x Lan | 2x Lan | |
| | | 1x HDMI | 1x HDMI | |
| | | 1x DP | 1x DP | |
| 1x DC Jack | | 1x DC Jack | | |
| Watchdog Timer | | Programmable WDT to generate system reset event | Programmable WDT to generate system reset event | |
| Storage Disk Drive | 1x SATA 2.5" HDD/SSD bay | 1x SATA 2.5" HDD/SSD bay | | |
| Expansion Slot | 2x mPCIe (full size) | 2x mPCIe (full size) | | |
| | - mini-PCIe1 Slot w/NANO SIM-Holder - mini-PCIe2 Slot w/mSADA | - mini-PCIe1 Slot w/NANO SIM-Holder - mini-PCIe2 Slot w/mSADA | | |
| Stereo Speaker | 2x 2W | 2x 2W | | |
| OS Support | Windows® 10 IoT Enterprise 2016 LTSB (64bit) | Windows® 10 IoT Enterprise 2016 LTSB (64bit) | | |
| POWER REQUIREMENT | Power Input | DC 12V ± 5% | DC 12V ± 5% | |
| | Power Adapter | AC to DC, DC12V / 8A, 96W | AC to DC, DC12V / 8A, 96W | |
| | Power Consumption | 77 W | 77 W | |
| MECHANICAL | Mounting | VESA 75x75 mm, Panel Mount Clamp | VESA 75x75 mm, Panel Mount Clamp | |
| | Dimension | 380 x 280 x 58.1 mm | 380 x 280 x 58.1 mm | |
| | Net Weight (kg) | 5 | 5 | |
| ENVIRONMENT | Operating Temperature | 0°C - 50°C (32°F - 122°F) with AIR Flow 0.5m/s | 0°C - 50°C (32°F - 122°F) with AIR Flow 0.5m/s | |
| | Storage Temperature | -20°C - 50°C (-4°F - 122°F) | -20°C - 50°C (-4°F - 122°F) | |
| | Storage Humidity | 10% - 95% @40°C, non-condensing | 10% - 95% @40°C, non-condensing | |
| | Vibration Resistance | 10-57 Hz/ 0.15mm; 57-150 Hz/2g; 1 Oct/min, 3 cycles X,Y,X per axis (40min/axis) | 10-57 Hz/ 0.15mm; 57-150 Hz/2g; 1 Oct/min, 3 cycles X,Y,X per axis (40min/axis) | |
| | Shock Resistance | 10G/ 11ms/ half sine; 3 times X,Y,Z per axis | 10G/ 11ms/ half sine; 3 times X,Y,Z per axis | |
| | EMC | CE, FCC Class A | CE, FCC Class A | |
| | Front Panel Protection | IP65 (in front) dust & water resistant | IP65 (in front) dust & water resistant | |

Ordering Guide

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|-----------------------|---|
| ● CA-RU150R30XG-7300U | 15.0-inch Resistive touch panel PC with Intel® Kady Lake i5-7300U, 4GB DDR4-2666 memory, 120G SSD |
| ● CA-RU150P30XG-7300U | 15.0-inch P-CAP touch panel PC with Intel® Kady Lake i5-7300U, 4GB DDR4-2666 memory, 120G SSD |
| ● CA-RU150R30XG-7100U | 15.0-inch Resistive touch panel PC with Intel® Kady Lake i3-7100U, 4GB DDR4-2666 memory, 120G SSD |
| ● CA-RU150P30XG-7100U | 15.0-inch P-CAP touch panel PC with Intel® Kady Lake i3-7100U, 4GB DDR4-2666 memory, 120G SSD |
| ● CA-RU150R30XG-3965U | 15.0-inch Resistive touch panel PC with Intel® Kady Lake Celeron® 3965U, 4GB DDR4-2666 memory, 120G SSD |
| ● CA-RU150P30XG-3965U | 15.0-inch P-CAP touch panel PC with Intel® Kady Lake Celeron® 3965U, 4GB DDR4-2666 memory, 120G SSD |