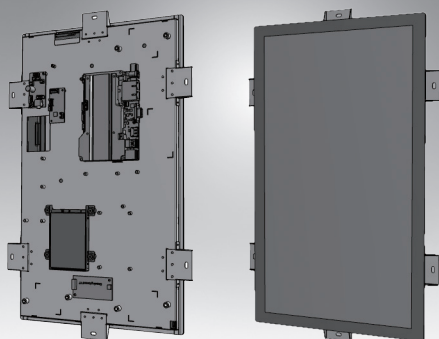


# UTC-220

**21.5" Open-frame panel PC**  
**UTC-220F with Intel® Core™ i5-6300U**  
**UTC-220G with Intel® Pentium® N4200**

**NEW**



## Features

- Available for embedded into kiosk chassis and wall mount type
- One-piece and fan-less design
- Rich screen size and core from UTC series
- Rich IO for extensional peripherals connection
- Built-in Intel® Core™ i5-6300U (UTC-220F)
- Built-in Intel® Pentium® N4200 (UTC-220G)
- Providing Natural Viewing Experience with 21.5" Display
- Could be take as monitor only

CE FCC

## Introduction

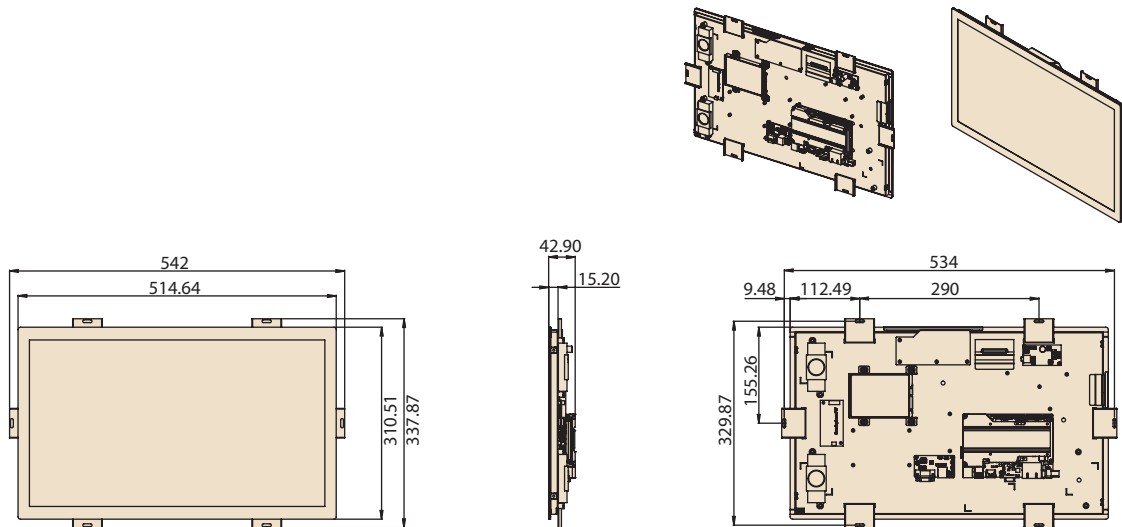
UTC-220 features one-piece solution and fan-less design that easy to embedded into kiosk chassis or wall mount type. Continuation of the advantage from UTC series, It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed interactive interfaces, fully ensure relevant content and targeted promotions are delivered.

## Specifications

|                                |  |  |  |
|--------------------------------|--|--|--|
| Processor System               | CPU  | Intel® Core™ i5-6300U (UTC-220F)<br>Intel® Core™ i3-6100U (Available)*   | Intel® Pentium® N4200 (UTC-220G)<br>Intel® Atom® E3950 (Available)*  |
|                                | Base Frequency   | 2.4GHz (Dual-Core)   | 1.1 GHz (N4200/Quad-Core)<br>1.6 GHz (E3950/Quad-Core)   |
|                                | Cache  | L3 Cache 3MB   | L2 Cache 2MB   |
|                                | Memory   | 2 x SO DIMM DDR3L 1600MHz up to 16 GB  | 1 x SO-DIMM DDR3L 1867 MHz   |
|                                | Storage  | 1 x 2.5 internal SATA HDD bay  | 1 x 2.5 internal SATA HDD bay  |
|                                | Network (LAN)  | 2 x Gigabit Ethernet ports (Supports Wake on LAN)  |  |
|                                | I/O ports  | 2 x RS-232 COM (RS-422/485)*<br>2 x USB 2.0 / 2 x USB 3.0<br>2 x Gigabit Ethernet (RJ-45)<br>1 x VGA<br>1 x HDMI<br>Audio Line-out x 1*, Mic-in x 1* | 2 x RS-232 COM (RS-422/485)*<br>2 x USB 2.0 / 2 x USB 3.0<br>2 x Gigabit Ethernet (RJ-45)<br>1 x VGA<br>1 x HDMI<br>Audio Line-out x 1*, Mic-in x 1* |
|                                | Stereo Speaker   | 10W x 2 (optional)   |  |
|                                | Bus expansion  | Full-size MiniPCIe/mSATA   |  |
|                                | Dimensions (W x H x D)   | 21.5": 515.04 x 310.91 x 42.20(mm)   |  |
| Weight                         | 21.5": 5.8kg   |  |  |
| OS Support                     | WES 7P 32bit<br>WES 7E 32bit<br>Windows Pro Embedded 7 SP1 64bit<br>WES8 64bit<br>Windows Embedded 8.1 Industry Pro 64bit<br>Win 10 IoT Enterprise<br>Linux Ubuntu 16.04 |  | Win 10 IoT Enterprise<br>Android 6.0<br>Linux Ubuntu 17.04   |
| Environmental Specifications   | Operating Temperature  | 0 ~ 40° C (32 ~ 104° F)  |  |
|                                | Relative Humidity  | 10 ~ 95% @ 40° C non-condensing  |  |
|                                | Vibration  | 0.5G   |  |
|                                | Shock  | 5G peak acceleration (11 msec. duration)   |  |
|                                | EMC/ Safety  | CE, FCC  |  |
| Power Supply                   | Input Rating   | 12 V/7 A (84 W ITE Adapter)  |  |
|                                | Power consumption  | Typical 45W<br>Max. 65W  |  |
| LCD Display                    | Size/Type  | 21.5" TFT LCD with LED backlight   |  |
|                                | Max. Resolution  | 21.5": 1920 x 1080   |  |
|                                | Max. Color   | 16.7M  |  |
|                                | Pixel Pitch (um)   | 21.5": 248.25 x 248.25   |  |
|                                | Brightness (cd/m²)   | 250 (Optional 400)   |  |
| View Angle                     | 178°/178°  |  |  |
| Touch Screen Option (PE/RE/GE) | Type   | Projected Capacitive. Analog Resistive 5-wires / Glass Panel   |  |
|                                | Light Transmission   | 80% ± 2% / 80% ± 5% / 90%  |  |
|                                | Controller   | USB Interface / USB Interface / -  |  |

## Dimensions

Unit: mm



## Ordering Information

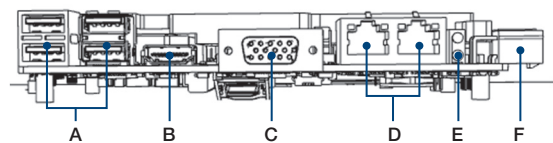
| Part No.        | Description                                     |
|-----------------|---|
| UTC-220FP-AT00E | 21.5" P T/S, Core i5 6300U, 4GB RAM, Open-frame |
| UTC-220GP-AT00E | 21.5" P T/S, Pentium N4200, 4GB RAM, Open-frame |
| 1702002605      | Power cord 2P FRANCE 10A/16A 220V 1.83M 90D     |
| 1702002600      | Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D   |
| 170000596-11    | Power Cord (China) CCC, 10A 250V, 3P 1830mm     |
| 1700018704      | Power Cord UK BSI 2P 10A 250V 180cm 18AWG       |

## Peripherals for UTC-220 Series

| Tentative Part No. | Description  |
|--------------------|--|
| UTC-200P-C1E       | 5M Camera Module For UTC-220/232 (USB connection)              |
| UTC-200P-R1E       | RFID Reader For UTC-220/232 (USB connection)                   |
| UTC-200P-W0E (G)   | UTC WIFI KIT, EWM-W163, M.2, 2T2R, BT4.1 for UTC-220/232G      |
| UTC-200P-W1E (F)   | UTC WIFI KIT, DNXA-116, 2Tx/2Rx for UTC-220/232F               |
| UTC-200P-S1E       | 10W speaker 60X60X24.9mm for UTC-220/232                       |
| UTC-200P-Q0E       | 2D Barcode Module (Honeywell) for UTC-220/232 (USB connection) |

\* The cable is not been included due to different installation environment.

## I/O View



- A. USB
- B. HDMI
- C. VGA
- D. LAN
- E. PWR & HDD LED
- F. PWR Input

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.