

# UTC-318P

## 18.5" All-in-one POS System UTC-318PD with Intel® BayTrail J1900 UTC-318PE with Intel® Haswell i5-4300U



### Features

- 18.5" TFT LCD (LED backlight) with Resistive or PCap touch
- Fanless operation with Intel Baytrail or Haswell i5 processor
- Support VFD and 10.1" & 15" second displays
- Unique stand base with color and logo customization on the back cover (optional)
- Device Option: MSR, Smart Card, Camera, RFID, Barcode Scanner



### Introduction

UTC-318P is the beautifully designed multi-purpose all-in-one Point-of-Sales system that makes it easy to get paid quickly, manage product inventory, build customer database, and repeat business with loyalty. Equipped with 16:9 wide screen format, touch base LCD panel, UTC-318P integrates add-on key peripherals, such as Camera, RFID, Smart Card Reader, MSR, Barcode Scanner, and display systems for diversified applications.

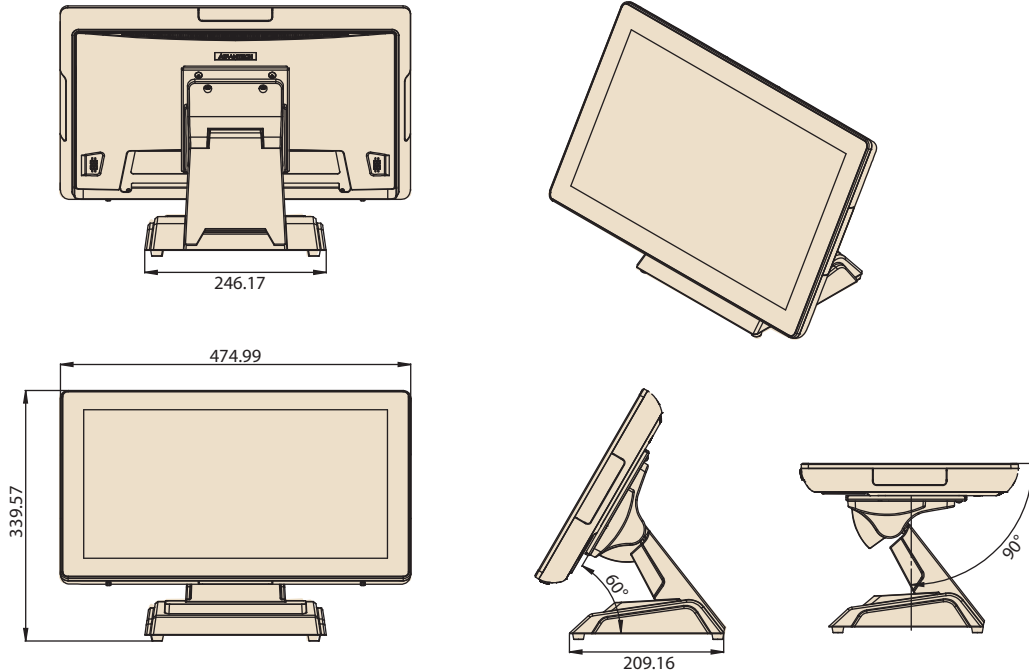
### Specifications

|                              |  |   |   |
|------------------------------|--|---|---|
| Processor System             | CPU  | Intel® BayTrail J1900   | Intel® Haswell Core i5-4300U  |
|                              | Basic Frequency  | 2.0 GHz (Quad-Core)   | 1.9GHz (Duo Core)   |
|                              | L2 Cache   | 2MB   | 3MB   |
|                              | Memory   | 1 x SO-DIMM DDR3L 1333 MHz up to 8 GB   |   |
|                              | HDD  | 1 x 2.5 internal SATA HDD bay   |   |
|                              | Network  | 2 x Gigabit Ethernet ports (RJ-45)  |   |
|                              | I/O ports  | 1 x RS-232 (5V/12V)<br>1 x RS-232/422/485<br>3 x USB 2.0 / 1 x USB 3.0<br>2 x Gigabit Ethernet (RJ-45)<br>1 x VGA<br>1 x Audio Line-out<br>1 x Mic-in<br>1 x RJ11 (12/24V)                                      | 1 x RS-232 (5V/12V)<br>1 x RS-232/422/485 (5V/12V)<br>2 x USB 2.0 / 4 x USB 3.0<br>2 x Gigabit Ethernet (RJ-45)<br>1 x HDMI (*HDMI to VGA cable, Optional)<br>1 x Audio Line-out<br>1 x Mic-in<br>1 x RJ11 (12/24V) |
|                              | Stereo Speaker   | 1W x 2  |   |
|                              | BUS expansion  | Full-size MiniPCIe/mSATA  |   |
|                              | Mounting   | VESA 100 x 100  |   |
| Dimension(WxHxD)             | 475 x 295 x 43.5 mm  |   |   |
| Weight                       | Wall mount type <5kg ; Stand base type <6.5 kg   |   |   |
| OS support                   | Windows Embedded 8.1 Industry Pro 64bit<br>Windows Embedded Standard 8 64bit<br>Windows Pro Embedded 7 SP1 64bit<br>Windows Embedded Standard 7P 32bit<br>Windows Embedded Standard 7E 32bit<br>Android 4.4<br>POSRready7<br>Linux | Windows Embedded 8.1 Industry Pro 64bit<br>Windows Pro Embedded 7 SP1 64bit<br>Windows Embedded Standard 7P 32bit<br>Windows Embedded Standard 7E 32bit<br>Android 4.4<br>POSRready7<br>POSRready 2009<br>Linux |   |
| Environmental Specifications | Operating Temperature  | 0 ~ 40° C (32 ~ 104° F)   |   |
|                              | Relative Humidity  | 10 ~ 95% @ 40° C non-condensing   |   |
|                              | Vibration  | 0.5G  |   |
|                              | Shock  | 10 G peak acceleration (11 msec. duration)  |   |
|                              | EMC/ Safety  | CE, FCC, UL, CCC CB,BSMI  |   |
| Front Panel Protection       | IP65/ NEMA4 Compliant  |   |   |
| Power Supply                 | Input Rating   | 12 V/7 A (84W ITE Adapter)  | 12~30V/7A (84W ITE Adapter)   |
|                              | Power consumption  | Typical 32W<br>Max. 70W   |   |
| LCD Display                  | Size   | 18.5" TFT LCD   |   |
|                              | Max Resolution   | 1366 x 768  |   |
|                              | Max Color  | 16.7M   |   |
|                              | Pixel Pitch (um)   | 300(H) x 300(V)   |   |
|                              | Brightness (cd/m²)   | 250 (Typical)   |   |
| View Angle                   | 170°/160°  |   |   |
| Touch Screen                 | Type   | Analog Resistive 5-wires (Res. Flat Glass) / Projected Capacitive Touch Panel (Pcap. Flat Glass)  |   |
|                              | Light Transmission   | Res. Touch : 80% ± 5% / P-Cap Touch : 90% ± 2%  |   |
|                              | Controller   | COM interface (Resistive T/S)/USB interface (PCap T/S)  |   |

\*UTC-318E preliminary datasheet, specification may vary in final version.

## Dimensions

Unit: mm



## Ordering Information

| Part No.         | Description  |
|------------------|--|
| UTC-318PDR-ATB0E | 18.5" Black, Intel Celeron J1900, Res T/S, 2 GB RAM, 64GB SSD  |
| UTC-318PDP-ATB0E | 18.5" Black, Intel Celeron J1900, PCap T/S, 2 GB RAM, 64GB SSD |
| UTC-318PER-ATB0E | 18.5" Black, Intel Core i5-4300U, Res T/S, 2 GB RAM, 64GB SSD  |
| UTC-318PEP-ATB0E | 18.5" Black, Intel Core i5-4300U, PCap T/S, 2 GB RAM, 64GB SSD |

## UTC-318 WiFi Ordering Information

| Part No.      | Description  |
|---------------|--|
| UTC-300P-W10E | WiFi Antenna x 2 pcs<br>WiFi Module x 1 pc<br>Screws for module x 2pcs |

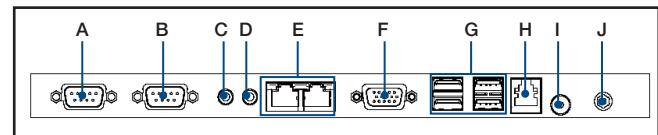
## Installation Accessory

| Part No.      | Description      |
|---------------|------------------|
| UTC-300P-V10E | VFD Display      |
| UTC-300P-P10E | 10.1" Pole Mount |
| UTC-300P-P20E | 15" Pole Mount   |

## Peripherals for UTC-318 series

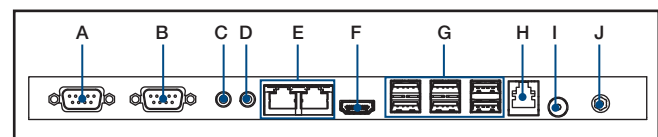
| Part No.      | Description                             |
|---------------|---|
| UTC-300P-C21E | 5M Camera Module, Black, for UTC-318    |
| UTC-300P-M21E | Magnet Strip Reader, Black, for UTC-318 |
| UTC-300P-R21E | RFID Reader, Black, for UTC-318         |
| UTC-300P-S21E | Smart Card Reader, Black, for UTC-318   |
| UTC-300P-B40E | 1D Barcode, Single Newland, for UTC-318 |
| UTC-300P-B41E | 2D Barcode, Single Newland, for UTC-318 |

## Fully- Integrated I/O (Baytrail)



- A. COM1
- B. COM2
- C. Line-out
- D. Mic in
- E. LAN ports x 2
- F. VGA
- G. USB 2.0 x 3 / USB 3.0 x 1
- H. RJ11
- I. Power button
- J. DC input 12V

## Fully- Integrated I/O (Haswell)



- A. COM1
- B. COM2
- C. Line-out
- D. Mic in
- E. LAN ports x 2
- F. HDMI (\*HDMI to VGA cable, Optional)
- G. USB 2.0 x 2 / USB 3.0 x 4
- H. RJ11
- I. Power button
- J. DC input 12-30V

## Power Cord Ordering Information

| Part No.         | Description                                 |
|------------------|---|
| 17AP164900318001 | POWER CORD RA JIS 8303 C13 L1.8M (Japan)    |
| 17AP164900618024 | POWER CORD RA UL NEMA 5-15P+C13 L1.8M (USA) |
| 17AP164900618025 | POWER CORD RA AS/NZ3 3112+C13 L1.8M (AUS)   |
| 17AP164900618026 | POWER CORD RA CEE 7/16+C13 L1.8M (EUR)      |
| 17AP164900618027 | POWER CORD RA BS1363+C13 L1.8M (UK)         |