

UTC-315P

15.6" All-in-one POS System UTC-315PD with Intel® BayTrail J1900 UTC-315PE with Intel® Haswell i5-4300U



Features

- 15.6" 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-315P 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-315P integrates add-on key peripherals, such as Camera, RFID, Smart Card Reader, MSR, Barcode Scanner, and display systems for diversified applications.

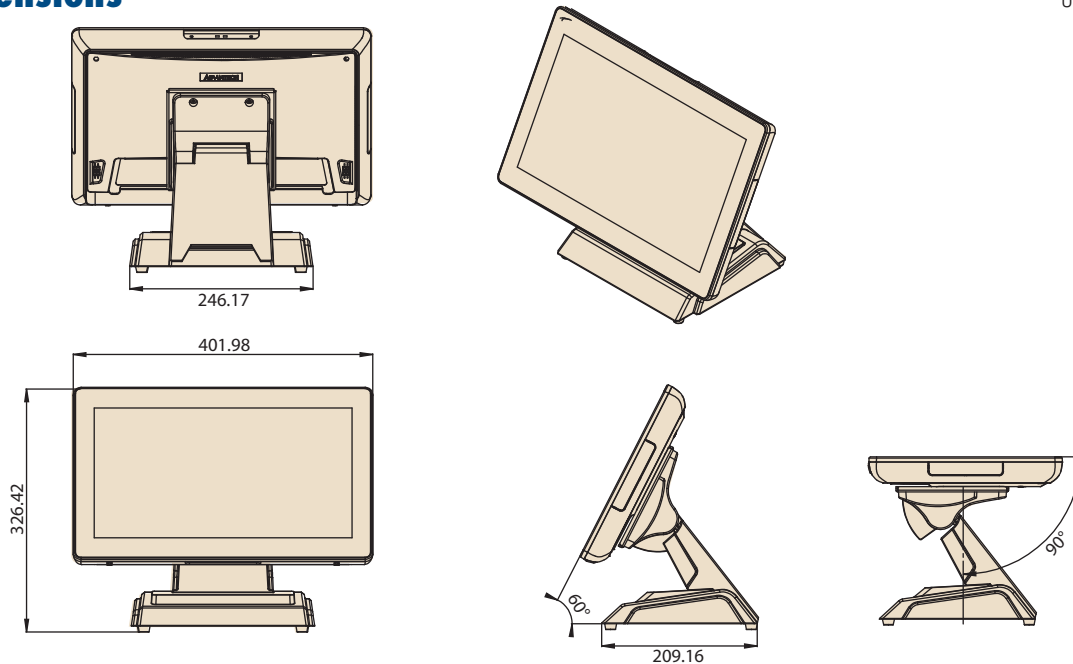
Specifications

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)	1 x RS-232 (5V/12V)
		1 x RS-232/422/485	1 x RS-232/422/485 (5V/12V)
	Stereo Speaker	3 x USB 2.0 / 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0
		2 x Gigabit Ethernet (RJ-45)	2 x Gigabit Ethernet (RJ-45)
1 x VGA		1 x HDMI (*HDMI to VGA cable, Optional)	
1 x Audio Line-out		1 x Audio Line-out	
1 x Mic-in		1 x Mic-in	
1 x RJ11 (12/24V)	1 x RJ11 (12/24V)		
BUS expansion	Full-size MiniPCIe/mSATA		
Mounting	VESA 75 x 75		
Dimension(WxHxD)	402 x 260 x 39.7 mm		
Weight	Wall mount type <4kg ; Stand base type <5.5 kg		
OS support	Windows Embedded 8.1 Industry Pro 64bit	Windows Embedded 8.1 Industry Pro 64bit	
	Windows Embedded Standard 8 64bit	Windows Pro Embedded 7 SP1 64bit	
Environmental Specifications	Windows Pro Embedded 7 SP1 64bit	Windows Embedded Standard 7P 32bit	
	Windows Embedded Standard 7P 32bit	Windows Embedded Standard 7E 32bit	
	Windows Embedded Standard 7E 32bit	Android 4.4	
	Android 4.4	POSReady7	
	POSReady7	POSReady 2009	
	POSReady 2009	Linux	
	Linux		
Power Supply	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	
LCD Display	Input Rating	12 V/7 A (84W ITE Adapter)	12-30V/7A (84W ITE Adapter)
	Power consumption	Typical 32W Max. 70W	
Touch Screen	Size	15.6" TFT LCD	
	Max Resolution	1366 x 768	
	Max Color	262K	
	Pixel Pitch (um)	252(H) x 252(V)	
	Brightness (cd/m ²)	200 (Typical)	
Touch Screen	View Angle	90° /60°	
	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-315E preliminary datasheet, specification may vary in final version.

Dimensions

Unit: mm (inch)



Ordering Information

Part No.	Description
UTC-315PDR-ATB0E	15.6" Black, Intel Celeron J1900, Res T/S, 2 GB RAM, 64GB SSD
UTC-315PDP-ATB0E	15.6" Black, Intel Celeron J1900, PCap T/S, 2 GB RAM, 64GB SSD
UTC-315PER-ATB0E	15.6" Black, Intel Core i5-4300U, Res T/S, 2 GB RAM, 64GB SSD
UTC-315PEP-ATB0E	15.6" Black, Intel Core i5-4300U, PCap T/S, 2 GB RAM, 64GB SSD

UTC-315 WiFi Ordering Information

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

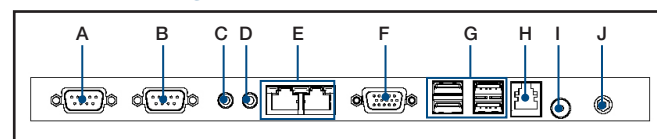
Installation Accessory

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

Peripherals for UTC-315 series

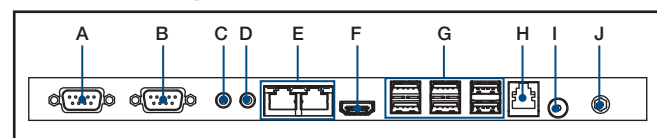
Part No.	Description
UTC-300P-C11E	5M Camera Module, Black, for UTC-315
UTC-300P-M11E	Magnet Strip Reader, Black, for UTC-315
UTC-300P-R11E	RFID Reader, Black, for UTC-315
UTC-300P-S11E	Smart Card Reader, Black, for UTC-315
UTC-300P-B30E	1D Barcode, Single Newland, for UTC-315
UTC-300P-B31E	2D Barcode, Single Newland, for UTC-315

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)

Mouser Electronics

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