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) 1 x RS-232/422/485 3 x USB 2.0 / 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA 1 x Audio Line-out 1 x Mic-in 1 x RJ11 (12/24V)	1 x RS-232 (5V/12V) 1 x RS-232/422/485 (5V/12V) 2 x USB 2.0 / 4 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI (*HDMI to VGA cable, Optional) 1 x Audio Line-out 1 x Mic-in 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 Windows Embedded Standard 8 64bit Windows Pro Embedded 7 SP1 64bit Windows Embedded Standard 7P 32bit Windows Embedded Standard 7E 32bit Android 4.4 POSRready7 Linux	Windows Embedded 8.1 Industry Pro 64bit Windows Pro Embedded 7 SP1 64bit Windows Embedded Standard 7P 32bit Windows Embedded Standard 7E 32bit Android 4.4 POSRready7 POSReady 2009 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 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)	

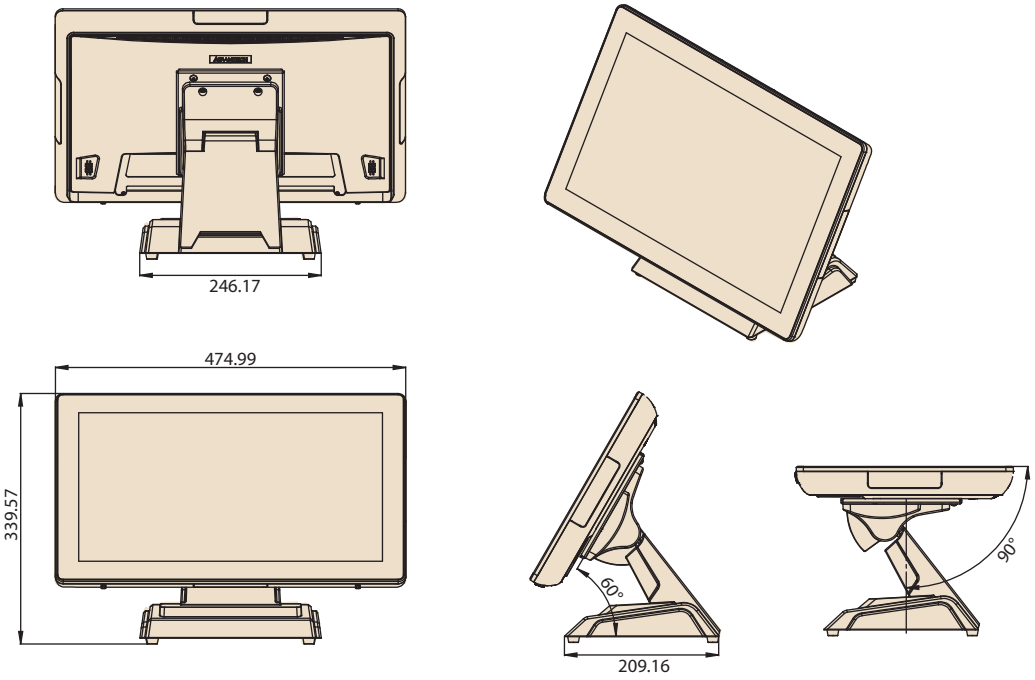
*UTC-318E preliminary datasheet, specification may vary in final version.

All product specifications are subject to change without notice, * identify as optional function

Last updated : 27-Nov-2015

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 WiFi Module x 1 pc Screws for module x 2pcs

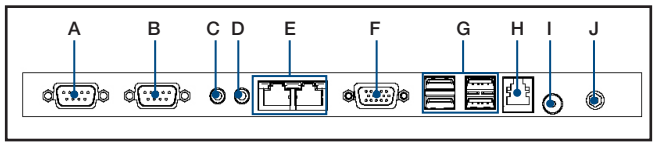
Installation Accessory

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

Peripherals for UTC-318 series

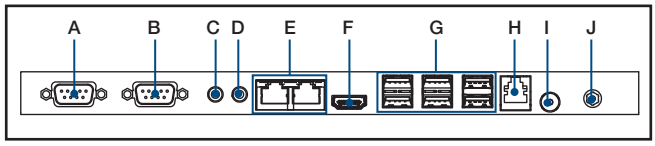
Part No.	Description
UTC-300P-C21E	5M Camera Module, Black, for UTC-318
UTC-300P-M21E	Magnet Strip Reader, Black, for UTC-318
UTC-300P-R21E	RFID Reader, Black, for UTC-318
UTC-300P-S21E	Smart Card Reader, Black, for UTC-318
UTC-300P-B40E	1D Barcode, Single Newland, for UTC-318
UTC-300P-B41E	2D Barcode,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