

UTC-315x

15.6" Ubiquitous Touch Computer UTC-315D with Intel® BayTrail J1900



Features

- Low Power & Fanless design
- Built in Intel BayTrail J1900 (UTC-315D)
- Providing Natural Viewing Experience with 16:9 15.6" Display
- Front panel complies with IP65 protection standard
- Landscape & Portrait screen mode support by different applications
- VESA 75 mm standard mounting holes for varied mounting demands
- Attachable frame design , flexible for panel mount applications



Introduction

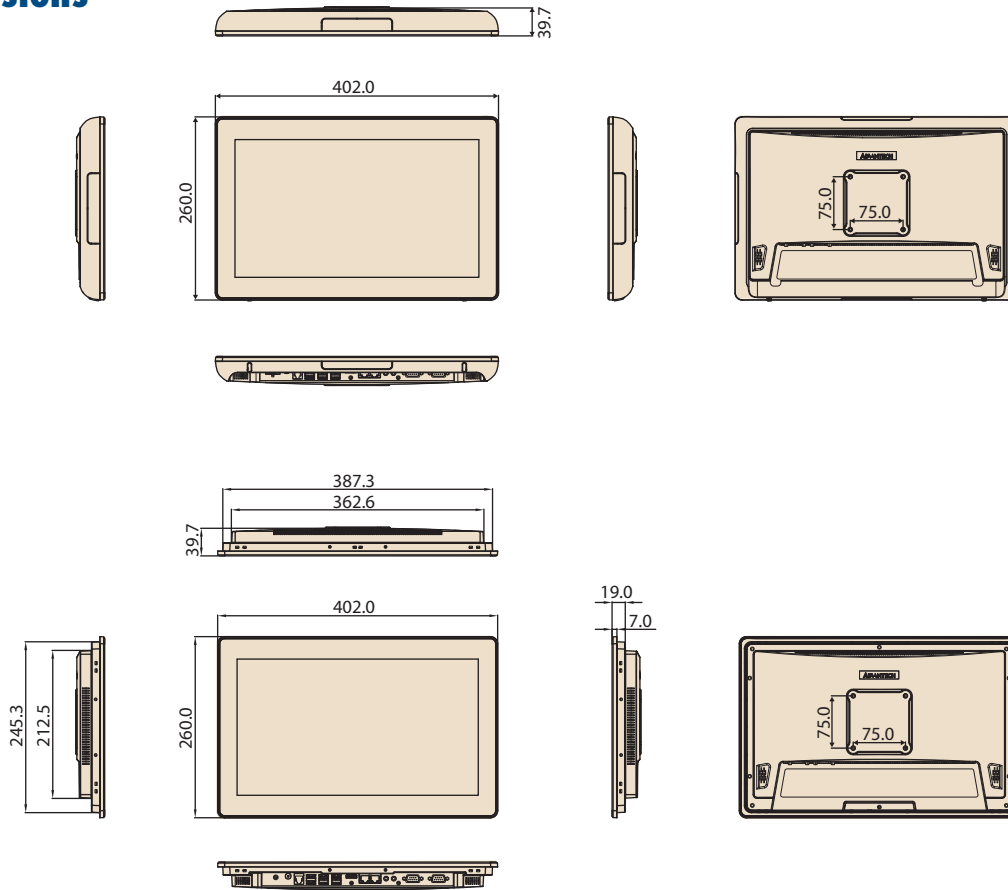
UTC-315x is the multi-purpose all-in-one computing system which equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. With the removable frame , the system also could fulfill industries or control system applications with panel mounting design. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

Specifications

Processor System	CPU	Intel® BayTrail J1900	
	Basic Frequency	2.0 GHz (Quad-Core)	
	L2 Cache	2MB	
	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 COM , 1 x RS-232 / 422 / 485	
		5 x USB 2.0 / 1 x USB 3.0	
		2 x Gigabit Ethernet (RJ-45)	
		1 x HDMI	
	Stereo Speaker	Audio Line-out x 1, Mic-in x 1	
BUS expansion	RJ-11 (option)		
Mounting	1W x 2		
Dimension(WxHxD)	Full-size MiniPCIe/mSATA		
Weight	VESA 75 x 75		
OS support	402 x 260 x 39.7 mm		
	< 4 kg (8.8 lb)		
Environmental Specifications	Windows Embedded Standard 7		
	Windows Embedded Standard 8		
	Embedded Linux 3.0		
	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		
Power Supply	Front Panel Protection	IP65/NEMA4 Compliant	
LCD Display	Input Rating	12 V/7 A (84W ITE Adapter)	
	Power consumption	Typical 32W	
	Max. 70W		
	Size	15.6" TFT LCD	
	Max Resolution	1366 x 768	
	Max Color	262K	
Touch Screen	Pixel Pitch (um)	252 (H) x 252 (V)	
	Brightness (cd/m2)	200 (Typical)	
	View Angle	90°/60°	
	Type	Analog Resistive 5-wires (Res. Flat Glass) / Projected Capacitive Touch Panel (Pcap. Flat Glass)	
Touch Screen	Light Transmission	Res. Touch : 80% ± 5% / P-Cap Touch : 90% ± 2%	
	Controller	COM interface / USB interface	

Dimensions

Unit: mm



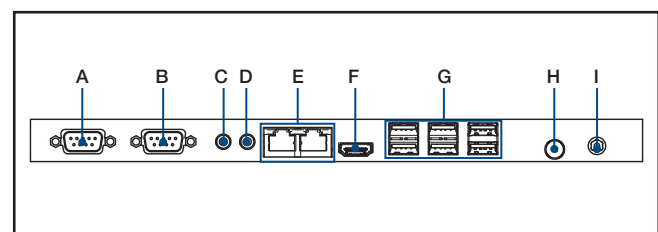
Ordering Information

Part No.	Description
UTC-315D-RE	15.6" White, Intel® Celeron J1900, Res T/S, 4 GB RAM, IT Adapter
UTC-315D-PE	15.6" White, Intel® Celeron J1900, PCap T/S, 4 GB RAM, IT Adapter
UTC-315DR-ATB0E	15.6" Black, Intel® Celeron J1900, Res T/S, 4 GB RAM, IT Adapter
UTC-315DP-ATB0E	15.6" Black, Intel® Celeron J1900, PCap T/S, 4 GB RAM, IT Adapter

Peripherals for UTC-315 series

Part No.	Description
UTC-300P-C10E	5M Camera Module, White, for UTC-315
UTC-300P-C11E	5M Camera Module, Black, for UTC-315
UTC-300P-M10E	Magnet Strip Reader, White, for UTC-315
UTC-300P-M11E	Magnet Strip Reader, Black, for UTC-315
UTC-300P-R10E	RFID Reader, White, for UTC-315
UTC-300P-R11E	RFID Reader, Black, for UTC-315
UTC-300P-S10E	Smart Card Reader, White, for UTC-315
UTC-300P-S11E	Smart Card Reader, Black, for UTC-315
UTC-300P-B10E	1D Barcode Reader, Single Color-Gray, for UTC-315
UTC-300P-B11E	2D Barcode Reader, Single Color-Gray, for UTC-315

Fully- Integrated I/O



- A. Com1
- B. Com2
- C. Line-out
- D. mic
- E. LAN ports x 2
- F. HDMI
- G. USB 2.0 x 5 / USB 3.0 x 1
- H. Power button
- I. DC input (12 V_{DC})

Installation Accessory

Part No.	Description
UTC-300P-D10E	Desk Stand, Single Color-Silver, for UTC-315
UTC-WALL-MOUNT1E	Wall Mount kit
UTC-WALL-MOUNT3E	Wall Mount Kit
UTC-T01-STANDE	Triangle shape floor stand
UTC-H01-STANDE	H-shaped floor stand