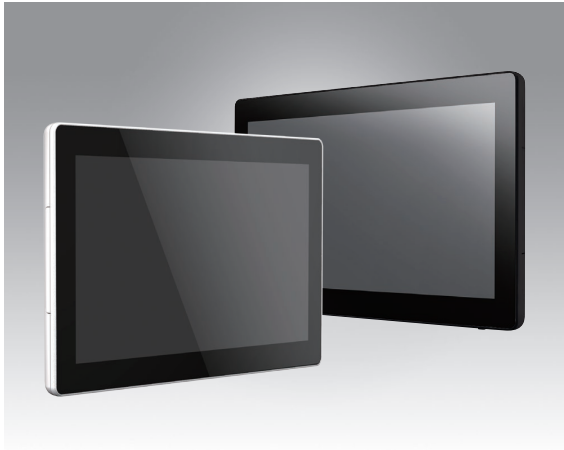


# UTC-318x

## 18.5" Ubiquitous Touch Computer UTC-318D with Intel® BayTrail J1900



### Features

- Low Power & Fanless design
- Built in Intel BayTrail J1900 (UTC-318D)
- Providing Natural Viewing Experience with 16:9 18.5" Display
- Front panel complies with IP65 protection standard
- Landscape & Portrait screen mode support by different applications
- VESA 100 mm standard mounting holes for varied mounting demands
- Attachable frame design , flexible for panel mount applications



### Introduction

UTC-318x 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.

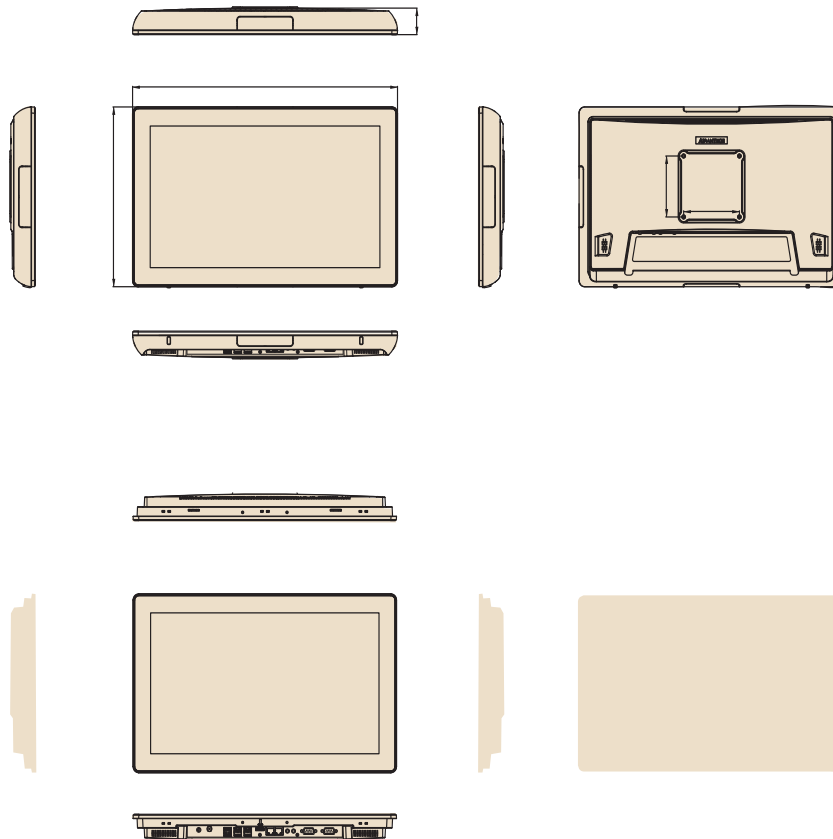
### Specifications

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 , 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
		Audio Line-out x 1, Mic-in x 1
		RJ-11 (option)
	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	5 kg (13.4 lb)
OS support		Windows Embedded Standard 7
		Windows Embedded Standard 8 Embedded Linux 3.0
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)
	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)
Touch Screen	View Angle	170°/160°
	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 / USB interface

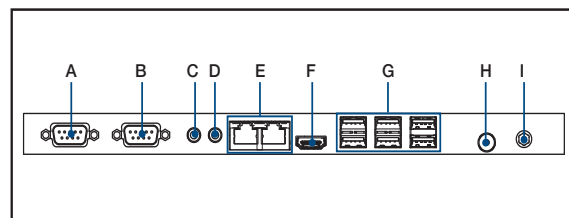
## UTC-318D

### Dimensions

Unit: mm (inch)



### Fully- Integrated I/O



A. Com1  
B. Com2  
C. Line-out  
D. Mic in  
E. LAN ports x 2

F. HDMI  
G. USB 2.0 x 5 / USB 3.0 x 1  
H. Power button  
I. DC input 12V<sub>DC</sub>

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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