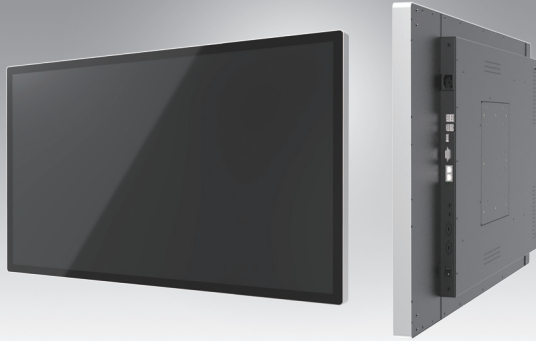


# UTC-542

## 42.6" Ubiquitous Touch Computer UTC-542D with Intel® Baytrail J1900\* UTC-542F with Intel® Skylake i5 6300U

**NEW**



### Features

- Low Power, High Performance, Aluminum Fanless Design
- Built-in Intel® Baytrail J1900 (UTC-542D)\*
- Built-in Intel® Skylake i5 6300U (UTC-542F)
- Provide natural viewing experience with 42.6" 16:9 display
- Front panel complies with IP65 protection standard
- Landscape & Portrait screen mode support by different applications
- Attachable integrated peripherals to extend functions and applications
- Swappable dual HDD/SSD slots
- RAID 0,1 storage support
- 3H mirror coating (optional)



\*Optional by project request.

### Introduction

UTC-542 features an extra slim border all-in-one computing system equipped with wide format, touch based and mirror coating LCD panel. It is easy to integrate key peripherals for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed interactive interfaces, fully ensure relevant content and targeted promotions are delivered. 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® Celeron® J1900 (UTC-542D)*	Intel® Core™ i7-6600U (Available)* Intel® Core™ i5-6300U (UTC-542F) Intel® Core™ i3-6100U (Available)*	
	Base Frequency	2 GHz (Quad-Core)	2.4 GHz (Dual-Core)	
	Cache	2 MB	3 MB	
	Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	2 x SO-DIMM DDR3L 1600MHz up to 16G	
	HDD/SSD	Dual swappable 2.5" HDD/SSD slot		
	Network (LAN)	2 x Gigabit Ethernet ports		
	I/O Ports	2 x RS-232 COM (RS-422/485)*		2 x RS-232 COM (RS-422/485)*
		3 x USB 2.0 / 1 x USB 3.0		2 x USB 2.0 / 2 x USB 3.0
		2 x Gigabit Ethernet (RJ-45)		2 x Gigabit Ethernet (RJ-45)
	Stereo Speaker	1 x VGA	1 x VGA	
Bus expansion	1 x HDMI	1 x HDMI		
Weight	10 W x 2			
OS Support	Full-size MiniPCIe/mSATA			
Environmental Specifications	Dimensions (W x H x D)	990.6 x 578.8 x 60.2mm (Mirror) 1016.9 x 605.2 x 60.5mm (Pcap)		
	Operating Temperature	24.6 kg		
	Relative Humidity	Windows Embedded 7, Windows Embedded 8, Window 10 IoT Enterprise, Linux Ubuntu 14.04, Android 4.4.2		
	Vibration	0 ~ 40° C (32 ~ 104° F)		
	Shock	10 ~ 95% @ 40° C non-condensing		
Power	Input Rating	100-240V <sub>AC</sub> ~ 50/60Hz 3.7A		
	Front Panel Protection	IP65/ NEMA4 Compliant		
LCD Display	Size/Type	42.6" TFT LCD with LED backlight		
	Max.Resolution	1920 x 1080		
	Brightness (cd/m <sup>2</sup> )	0.49 (H) x 0.49 (W)		
	View Angle	450 nits		
	View Angle	Horizontal: ±89° or 178° total / Vertical: ±89° or 178° total		
Touch Screen Option (PE/GE)	Type	Projected Capacitive / Glass		
	Light Transmission	>90% (Pure Glass); >25% (Mirror Coating)		
	Surface Treatment	3H Mirror Coating (Optional)		
	Controller	USB Interface		



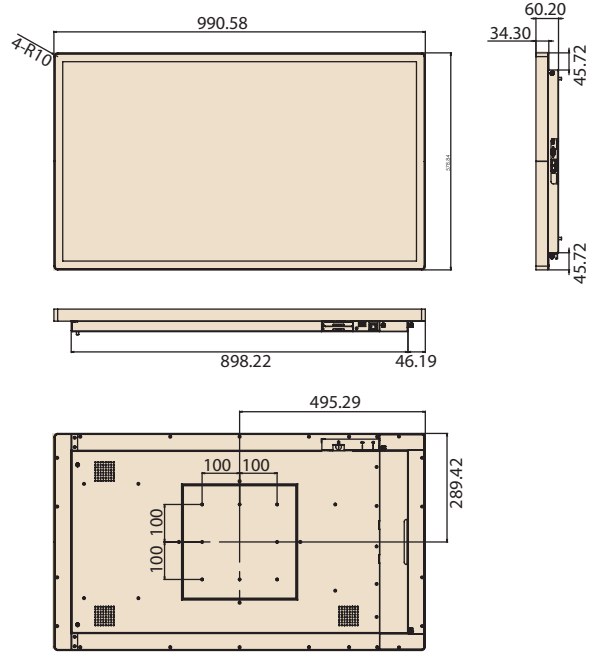
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**ADVANTECH**

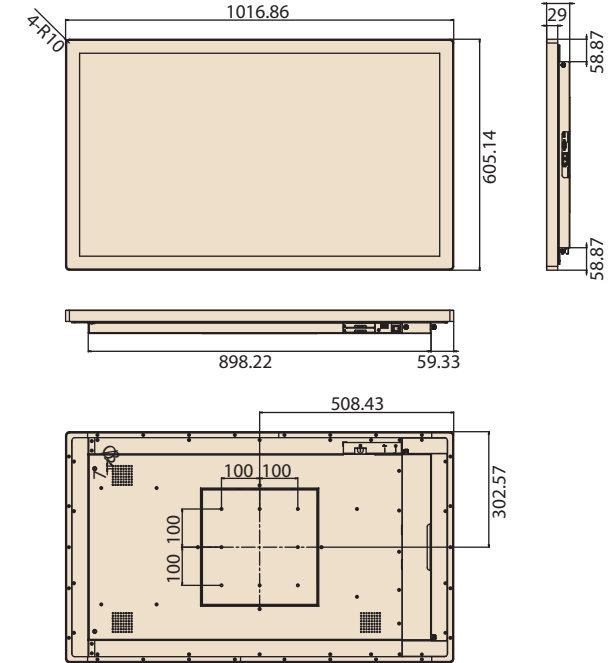
**Interactive Self-service Terminals**

**Dimensions**

**Mirror**



**Pcap**



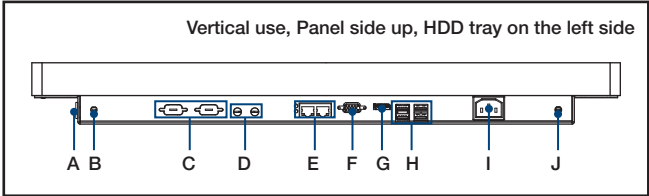
Unit: mm

**Ordering Information**

Part No.	Description
UTC-542DM-ATB0E*	42.6", Intel Baytrail J1900, Mirror Glass, 4GB RAM
UTC-542FM-ATB0E	42.6", Intel Skylake Corei5-6300U, Mirror Glass, 4GB RAM
UTC-542DP-ATB0E*	42.6", Intel Baytrail J1900, Pcap Touch, 4GB RAM
UTC-542FP-ATB0E	42.6", Intel Skylake Corei5-6300U, Pcap Touch, 4GB RAM
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596	Power Cord (China) CCC, 10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG

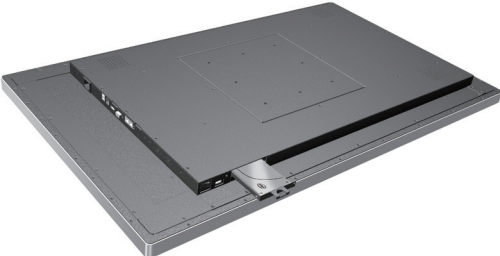
\* Optional by project request.

**Fully- Integrated I/O**



- A. Power Switch
- B. Antenna Port
- C. COM x 2
- D. Mic-in/ Line-out
- E. LAN x 2
- F. VGA
- G. HDMI
- H. USB 3.0 x 1, USB 2.0 x 3 (Baytrail)  
USB 3.0 x 2, USB 2.0 x 2 (Skylake)
- I. AC Power
- J. Antenna Port

**Easy Swappable HDD/SDD Slot**



**Peripherals for UTC-542 series**

Part No.	Description
UTC-542P-R01E	RFID Reader For UTC-542 (USB connection)
UTC-542P-B01E	1D Barcode Scanner for UTC-542 (USB connection)
UTC-542P-B02E	2D Barcode Scanner for UTC-542 (USB connection)
UTC-542P-M01E	Magnet Strip Reader For UTC-542 (USB connection)

**Installation Accessory**

Part No.	Description
UTC-WALL-MOUNT2E	VESA Mount 200 x 200 mm