

UTC-532

31.5" Ubiquitous Touch Computer UTC-532G with Intel® Pentium® N4200 UTC-532F with Intel® Core™ i5-6300U UTC-532E with Intel® Core™ i5-4300U

NEW



Features

- High performance and fanless system design
- Built-in Intel® Pentium® N4200 (UTC-532G)
- Built-in Intel® Core™ i5-6300U (UTC-532F)
- Built-in Intel® Core™ i5-4300U (UTC-532E)
- 31.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Aluminum frame with side groove design for flexible peripheral installation
- Supports both landscape and portrait screen orientations
- VESA 200 mm standard mounting holes for varied mounting demands
- Support Advantech WISE-PaaS/RMM



Introduction

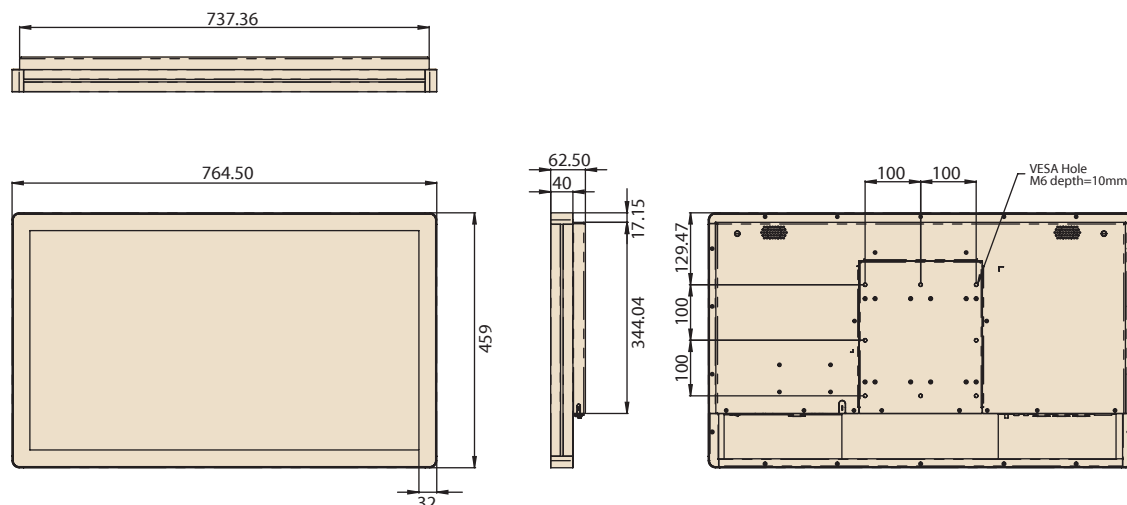
UTC-532 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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® Pentium® N4200 (UTC-532G) Intel® Atom® E3950 (Available)*	Intel® Core™ i5-6300U (UTC-532F)	Intel® Core™ i5-4300U (UTC-532E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)*
	Base Frequency	1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core)	2.4GHz (Dual-Core)	1.9 GHz (Dual-Core)
	Cache	L2 Cache 2MB	L3 Cache 3MB	L3 Cache 3MB
	Memory	1 x 204 pin SO-DIMM DDR3L 1867 MHz up to 8GB	2 x 204 pin SO DIMM DDR3L 1600MHz up to 16 GB	1 x 204 pin SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB
	HDD	1 x 2.5 internal SATA HDD bay		1 x 2.5 internal SATA HDD bay
	Network (LAN)	2 x Gigabit Ethernet ports (Supports Wake on LAN)		
	I/O ports	2 x RS-232 COM (RS-422/485)* 2 x USB2.0/ 2 x USB3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & 1 x HDMI Audio Line-out x 1, Mic-in x 1		2 x RS-232 COM (RS-422/485)* 2 x USB 2.0 / 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & 1 x HDMI Audio Line-out x 1, Mic-in x 1
	Stereo Speaker	3 W x 2		
	Bus expansion	Full-size MiniPCIe / M.2	Full-size MiniPCIe / mSATA	
	Dimensions (W x H x D)	764.50 x 459 x 62.50 mm		
	Weight	18 kg (39.6 lb)		
OS Support	Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04		WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04	WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)		
	Relative Humidity	10 ~ 95% @ 40° C non-condensing		
	Vibration	0.5G		
	Shock	5 G peak acceleration (11 msec. duration)		
	Certification	CE, FCC, UL, CB, CCC, BSMI		
	Front Panel Protection	IP65/ NEMA4 Compliant		
Power	Input Rating	100-240V _{AC} ~ 50/60Hz 2.5A		
	Power consumption	Typical 95W Max. 105W		
LCD Display	Size/Type	31.5" TFT LCD with LED backlight		
	Max.Resolution	1920 x 1080		
	Max. Color	16.7 M		
	Pixel Pitch (mm)	0.36375 (H) x 0.36375 (W)		
	Brightness (cd/m²)	300		
Touch Screen (PE/GE)	View Angle	178°/178°		
	Type	Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel (No touch function)		
	Light Transmission	90% ± 2% / 90%		
Touch Screen (PE/GE)	Controller	USB Interface / -		

Dimensions

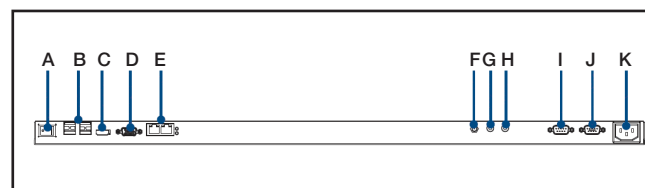
Unit: mm



Ordering Information

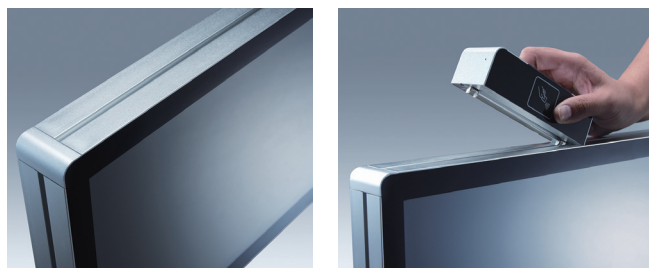
Part No.	Description
UTC-532GP-ATB0E	31.5" Intel® Pentium® N4200 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532FP-ATB0E	31.5 Intel® Core™ i5-6300U fanless UTC with PCT.T/S. 4GB RAM
UTC-532EP-ATB0E	31.5 Intel® Core™ i5-4300U fanless UTC with PCT.T/S. 4GB RAM
1702002605	Power cord 2P FRANCE 10A/16A 220V 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
1960060677N001	IO Cover for UTC-532 series

Fully- Integrated I/O



- A. Power switch
- B. USB 3.0 x 2, USB 2.0 x 2
- C. HDMI
- D. VGA
- E. LAN Port x 2
- F. Antenna Port
- G. Line-out
- H. Mic-in
- I. COM2
- J. COM1
- K. AC Power

Side groove design for flexible peripheral installation



Peripherals for UTC-500 series

Part No.	Description
UTC-P01-A1E	5M Camera Module For UTC-5XX (USB connection)
UTC-P02-A0E	Magnet Strip Reader For UTC-5XX (USB connection)
UTC-P03-A0E	RFID Reader For UTC-5XX (USB connection)
UTC-P06-A0E	Smart Card Reader For UTC-5XX (USB connection)
UTC-P07-A4E	2D Barcode Module (Honeywell) for UTC-500 Series (USB connection)
UTC-P09-A0E	Fingerprint reader for UTC-5xx (USB connection)
UTC-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

Installation Accessory for UTC-532

Part No.	Description
UTC-WALL-MOUNT2E	Wall Mount kit for UTC-532
UTC-H01-STANDE	H-shaped floor stand

Mouser Electronics

Authorized Distributor

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[Advantech:](#)

[UTC-532GP-ATB0E](#) [UTC-532FP-ATB0E](#)