

UTC-520

21.5" Ubiquitous Touch Computer UTC-520A with AMD® G- Series T40E UTC-520B with Intel Atom Dual Core D2550 UTC-520C with Intel Core™ i7

NEW



Features

- Low Power and Fanless
- Built-in AMD® G- Series T40E (UTC-520A)
- Built-in Intel Atom Dual Core D2550 (UTC-520B)
- Built-in Intel Core™ i7 (UTC-520C)
- Providing Natural Viewing Experience with 16:9 21.5 Display
- Front panel complies with IP65 protection standard
- All in one aluminum extrusion design
- Landscape & Portrait screen mode support different applications
- VESA 100 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications



Introduction

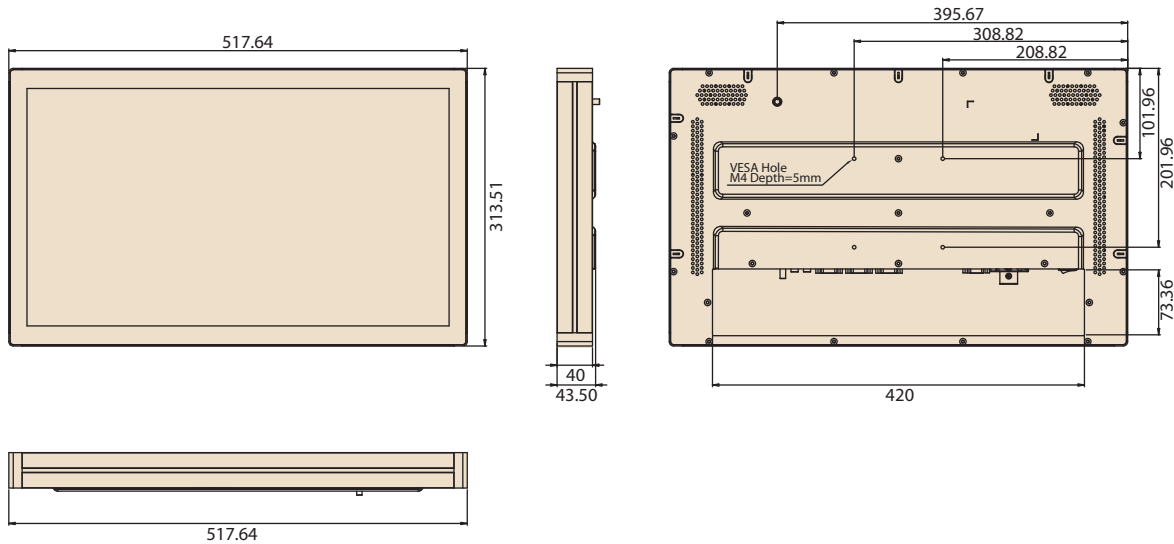
UTC-520 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified selfservice and promotional usage in different application areas. The systems deliver updated information with well-designed interactive interfaces, ensuring relevant content and targeted promotions. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

Specifications

Processor System	CPU	AMD® G- Series T40E Dual-core 1.0 GHz (UTC-520A)	Intel Atom Dual Core D2550 1.8 GHz (UTC-520B)	Intel Core™ i7 3517UE (1.7 GHz) (UTC-520C)
	Chipset	T40E + A50M	Intel Atom D2550 + Intel NM10	Intel QM77
	L2 Cache	512 KB	1 MB	
	Memory	1 x SO-DIMM DDR3 1066 up to 4 GB (Build in 2G)	1 x SO-DIMM DDR3 1066 MHz up to 4 GB (Build in 2G)	1x SO-DIMM DDR3 1600 MHz
	SSD	Supports 1x internal CFAST		
	HDD	1 x 2.5 internal SATA HDD bay		
	Network (LAN)	2 x Gigabit Ethernet ports		
	I/O Ports	3 x COM port 4 x USB 2.0 ports 2 x Gigabit Ethernet Ports 1 x VGA & HDMI Audio Line-out x 1 /Mic in x 1		
	Stereo Speaker	3 W x 2		
	Bus expansion	MINI PCIe (option WiFi module) UTC-520B with SIM Holder		
Dimensions (W X H X D)	517.64 mm (L) x 313.51 mm (H) x 43.5 mm (D) (20.38" x 12.34" x 1.71")			
Weight	6 kg (12.2 lb)			
OS Support	Windows XP/ XPE/ 7/ Embedded Standard 7			
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	CE, FCC, UL, CCC, BSMI		
Front Panel Protection	IP65/ NEMA4 Compliant			
Power	Input Rating	12 V/5 A (Build-in 60 W Adapter)		
	Power consumption	Typical 32W Max 40W		
LCD Display	Size/Type	21.5" TFT LCD with LED backlight		
	Max.Resolution	1920 x 1080		
	Max. Color	16.7 M		
	Pixel Pitch (mm)	248.25 (H) x 248.25 (V)		
	Brightness (cd/m²)	250 (Optional 400)		
View Angle	178°/178°			
Touch Screen (Optional)	Type	Projected Capacitive Touch Panel (PCT)	Analog Resistive 5 wires (Touch window)	Glass Panel
	Light Transmission	90% ± 2%	80%± 5%	90%
	Controller	USB Interface	USB Interface	-

Dimensions

Unit: mm (inch)



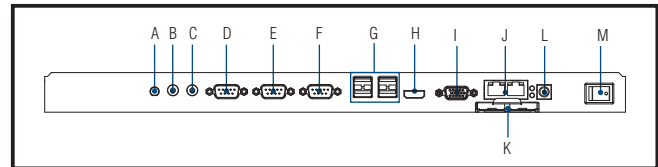
Ordering Information

Part No.	Description
UTC-520A-RE	21.5" AMD T40E Based fanless UTC with Resi.T/S. 2 GB RAM
UTC-520A-PE	21.5" AMD T40E Based fanless UTC with PCT.T/S. 2 GB RAM
UTC-520A-GE	21.5" AMD T40E Based fanless UTC with Glass. 2GB RAM
UTC-520A-RXPE0E	21.5" Res.T/S with AMD T40E /2G Me /250G HDD/XPE
UTC-520B-RE	21.5" ATOM D2550 Based fanless UTC with Resi.T/S. 2 GB RAM
UTC-520B-PE	21.5" ATOM D2550 Based fanless UTC with PCT.T/S. 2 GB RAM
UTC-520B-GE	21.5" ATOM D2550 Based fanless UTC with Glass. 2 GB RAM
UTC-520B-RXPE0E	21.5" Res.T/S with Atom D2550/2G Me/250G HDD/XPE
UTC-520C-RE	21.5" Intel Core i7 Based fanless UTC with Resi.T/S. 2 GB RAM
UTC-520C-PE	21.5" Intel Core i7 Based fanless UTC with PCT.T/S. 2 GB RAM
UTC-520C-GE	21.5" Intel Core i7 Based fanless UTC with Glass. 2 GB 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

Side groove design for Flexible peripheral device



Fully- Integrated I/O



- A. Antenna Port
- B. Line-out
- C. Min-in
- D. COM3
- E. COM2
- F. COM1
- G. USB 2.0 x 4
- H. HDMI
- I. VGA
- J. LAN Ports x 2
- K. CFast
- L. DC Input
- M. Power switch

Peripherals for UTC-500 series

Part No.	Description
UTC-P01-A0E	2M 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-A0E	2D Barcode Reader For UTC-5XX (USB Connection)
UTC-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

Wireless LAN Module

Part No.	Description
UTC-520AB-WIFIE	UTC-520AB Wireless LAN module

Installation Accessory

Part No.	Description
UTC-520-STAND1E	Desktop Stand for UTC-520
PPC-ARM-A03	Swingarm
UTC-WALL-MOUNT1E	Wall Mount kit for UTC-520/515
UTC-R01-STANDE	Triangle Feet Stand
UTC-K01-STANDE	Cross Feet Stand
UTC-K02-STANDE	H-shaped Feet Stand