

UTC-520

21.5" Ubiquitous Touch Computer with Intel® Atom™ D510 Processors



Features

- Low Power and Fanless
- Built-in Intel® Atom™ Processor D510 1.66 GHz
- Providing Natural Viewing Experience with 16:9 21.5 Display
- Front panel complies with IP54 protection standard
- All in one aluminum extrusion design, only 40 mm thickness
- Landscape & Portrait screen mode support different applications
- Support Versatile Mounting Mechanism (On the Floor; In the Wall; With the Shelf)
- Attachable design for panel & peripherals to extend function and applications



Introduction

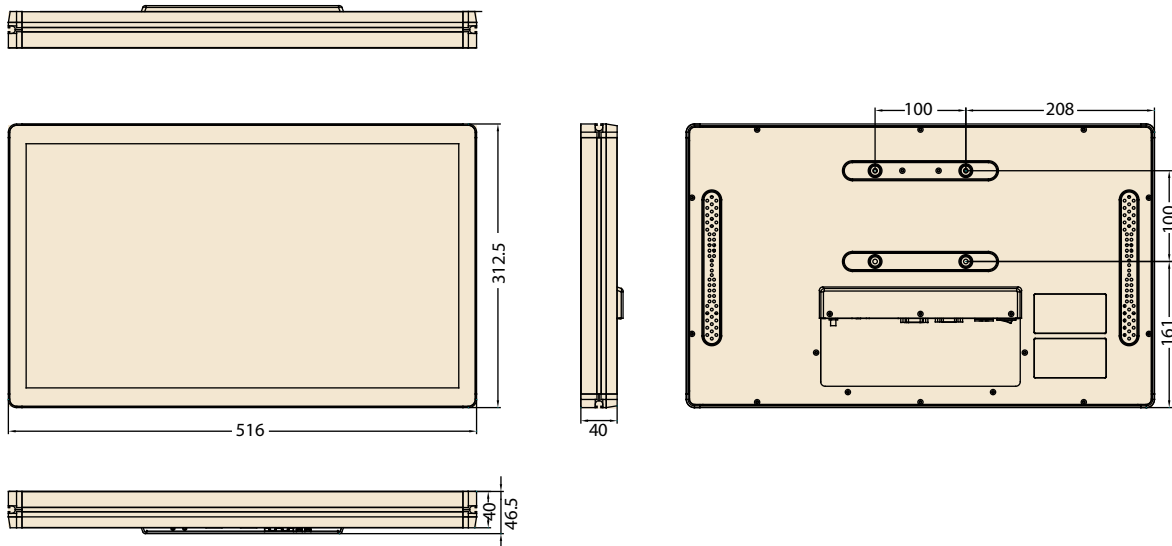
UTC-520 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and promotional usage in different application areas. The systems deliver updated information with well-designed interactive 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	Intel Atom™ D510 Dual-core 1.66 GHz
	Chipset	Intel D510 + ICH8M
	L2 Cache	2 x 512 KB
	FSB Speed	667 MHz
	Memory	DDR2 667 200pin SO-DIMM x 1 (UTC-520-RE Build-in 1GB, UTC-520-RXPE0E Build-in 2GB)
	SSD	Supports 1 x internal CompactFlash
	HDD	1 x 2.5 internal SATA HDD bay
	Network (LAN)	2 x Gigabit Ethernet ports
	I/O Ports	1 x COM port 2 x USB 2.0 ports 2 x Gigabit Ethernet Ports 1 x VGA port
	Stereo Speaker	3 W x 2
	Bus expansion	MINI PCIe (option WiFi module)
Dimensions (W X H X D)	516 mm (L) x 312.5 mm (H) x 40 mm (D) (20.3" x 12.3" x 1.58")	
Weight	6 kg (13.2 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
	Front Panel Protection	IP54/ NEMA4 Compliant
Power	Input Rating	12 V/5 A (Build-in 60 W Adapter) *WARNING: Failure to plug the green power adapter jack into the UTC-520 first, BEFORE turning on power will result in damage to the motherboard.
	Size/Type	21.5" TFT LCD with LED backlight
LCD Display	Max. Resolution	Default setting is 1366 x 768, scalar board allows resolutions up to Full HD
	Max. Color	16.7 M
	Pixel Pitch (mm)	248.25 (H) x 248.25 (V)
	Brightness (cd/m ²)	400
	View Angle	170°/160°
Touch Screen	Type	Analog Resistive 5 wires (Touch window)
	Resolutions	Continuous
	Light Transmission	80 %
	Controller	USB Interface
	Software Driver	Windows XP/ 7/ XPE/ Linux
	Durability (Touches)	36 million

Dimensions

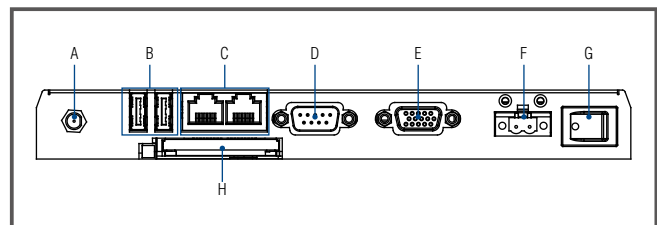
Unit: mm (inch)



Ordering Information

Part No.	Description
UTC-520-RE	21.5" Atom D510 Based fanless UTC with Resi.T/S. 1 GB RAM
UTC-520-RXPE0E	UTC-520-RE with 2 GB Memory/ 160 GHDD/XPE

Fully- Integrated I/O



- A. Antenna connector
- B. USB 2.0 x 2
- C. Gigabit LAN x 2
- D. COM port
- E. VGA
- F. DC Inlet
- G. Power Switch
- H. Compact Flash slot