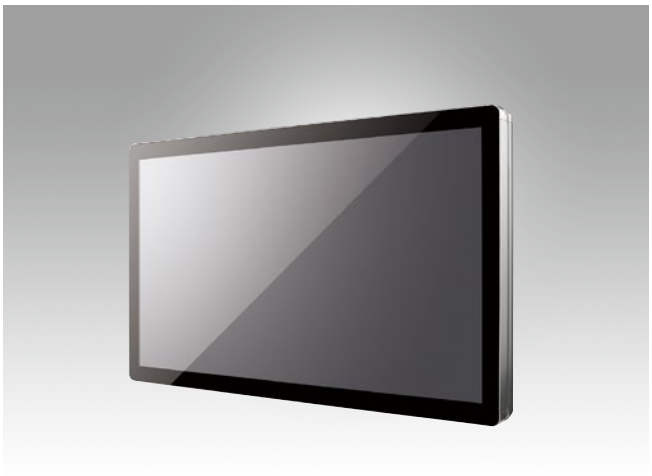
UTC-520

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
- 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 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.

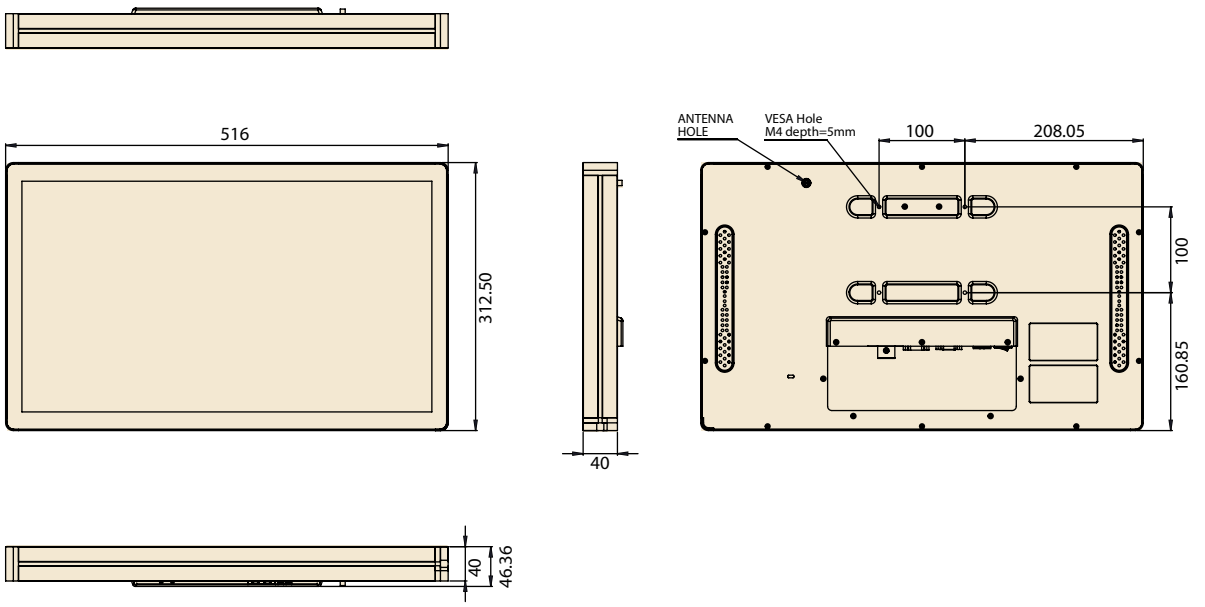
Specifications

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 (Option Audio Line-out)
	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/ CE 6.0
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	CE, FCC, UL, CCC, BSMI
	Front Panel Protection	IP54/ NEMA4 Compliant
Power	Input Rating	12 V/5 A (Build-in 60 W Adapter)
	Power consumption	Typical 33 W Max 38
LCD Display	Size/Type	21.5" TFT LCD with LED backlight
	Max.Resolution	1366 x 768
	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 (Optional)	Type	Analog Resistive 5 wires (Touch window)
	Resolutions	1024 x 1024
	Light Transmission	80 %
	Controller	USB Interface
	Software Driver	Windows XP/ 7/ XPE/ Linux
	Durability (Touches)	36 million

All product specifications are subject to change without notice

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
UTC-520-R2E	21.5 Atom D510 Based Fanless UTC with Resi/ T/S 2GB/ 160G HDD
UTC-520-GE	21.5"panel w/Atom D510 /2G Memory (WO T/S)
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

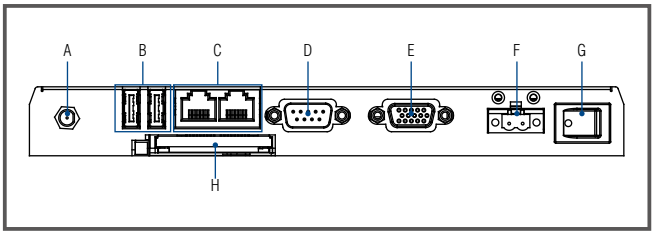
Peripherals for UTC-500 series

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

Side groove design for Flexible peripheral device



Fully- Integrated I/O



A. Antenna/ Audio Line-out (option)
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

Wireless LAN Module

Part No.	Description
968EMW0038	Wireless IEEE 802.11 b/g/n AW-NE785 PCIE
1750006010 (Cable)	
9680001060	2.0dBi Dipole short antenna
1750003222	5.0dBi Dipole long antenna

Installation Accessory

Part No.	Description
UTC-520-STAND1E	Desktop Stand for UTC-520
PPC-ARM-A03	Swingarm
PPC-174T-WL-MTE	Wall Mount Kit
UTC-R01-STANDE	Triangle Feet Stand
UTC-K01-STANDE	Cross Feet Stand
UTC-K02-STANDE	H-shaped Feet Stand