

UTC-515

15.6" Ubiquitous Touch Computer UTC-515A with AMD® G- Series T40E UTC-515B with Intel Atom Dual Core D2700

Preliminary



Features

- Low Power & Fanless design
- Built-in AMD® G- Series T40E processor & Intel Cedar Trail Atom D2700
- Providing Natural Viewing Experience with 16:9 15.6" Display
- Front panel complies with IP54 protection standard
- All in one aluminum extrusion design
- Landscape & Portrait screen mode support different applications
- VESA 75 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications



Introduction

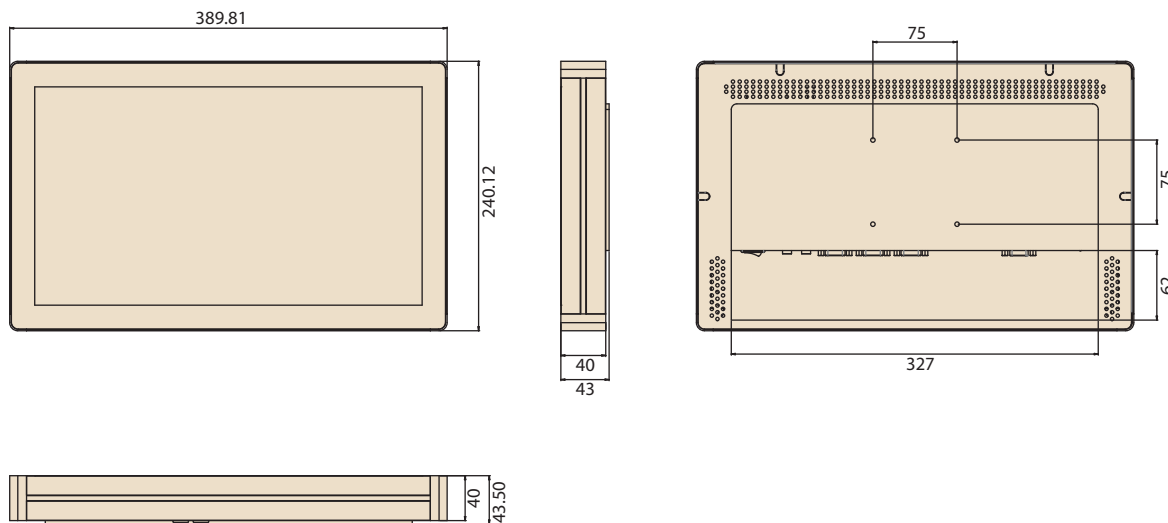
UTC-515 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and promotional usage in different application areas. The systems deliver updated information with well-designed interactive 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	AMD® G- Series T40E Dual-core 1.0 GHZ (UTC-515A)	Intel Atom Dual Core D2700 2.13 GHz (UTC-515B)
	Chipset	T40E + A50M	1 MB
	L2 Cache	2 x 512 KB	Intel Atom D2700 + Intel NM10
	Memory	1 x SO-DIMM DDR3 1066 up to 4 GB (Bulid in 2G)	1 x SO-DIMM DDR3 1066MHz up to 4 GB (Bulid in 2G)
	SSD	Supports 1x internal CFAST	
	HDD	1 x 2.5 internal SATA HDD bay	
	Network (LAN)	2 x Gigabit Ethernet ports (Supports Wake on LAN)	
	I/O Ports	3 x COM ports 4 x USB 2.0 ports 2 x Gigabit Ethernet Ports 1 x VGA & HDMI (Optional) Audio Line-out x 1 /Mic in x 1	
	Stereo Speaker	1 W x 2	
	Bus expansion	MINI PCIe (option WiFi module)	
	Mounting	VESA 75 x 75 mm	
	Dimensions (W X H X D)	389.81 mm (L) x 240.12 mm (H) x 43.5 mm (D) (15.35" x 9.45" x 1.71")	
	Weight	4.85 kg (10.67 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/ Safety	CE, FCC, UL, CCC CB,BSMI	
	Front Panel Protection	IP54/ NEMA4 Compliant	
Power Supply	Power Input Voltage	12V _{DC}	
	Power Input Current	5A	
	Power Adapter	AC to DC, DC 12V/ 60W (Build in)	
	Power consumption	21.6W (AMD T40E) 30W (AMD T40E)	
LCD Display	Size/Type	15.6" TFT LCD	
	Max.Resolution	1366 x 768	
	Max. Color	262 K	
	Pixel Pitch (mm)	248.25 (H) x 248.25 (V)	
	Brightness (cd/m ²)	300	
View Angle	170°/160°		
Touch Screen	Type	Analog Resistive 5 wires (Touch window)	Projected Capactive Touch Panel (PCT) (Multi-Touch) Pure Glass (NO T/S)
	Light Transmission	80%± 5%	90% ± 2%
	Controller	USB Interface	USB Interface -

Dimensions

Unit: mm (inch)



Ordering Information

Part No.	Description

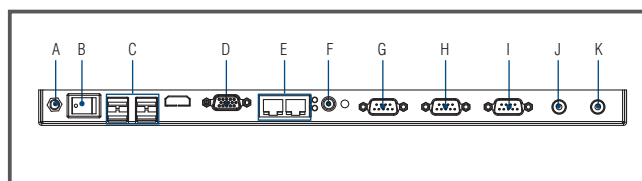
Peripherals for UTC-500 series

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 Port
- B. Power switch
- C. USB 2.0 x 4
- D. VGA
- E. LAN Ports x 2
- F. DC Power
- G. COM1
- H. COM2
- I. COM3
- J. Mic-in
- K. Line-out

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