

# UTC-W101

## 10.1" Ubiquitous Touch Computer with Intel® Atom™ Processor



### Features

- Fanless Intel® Atom™ Z510P 1.1 GHz or Z530P 1.6 Hz+ US15WP Architecture
- Low Power Consumption attributed to Intel® Atom™ eMenlow Architecture
- Providing Natural Viewing Experience with 16:9 10.1" WSXGA Display
- Instant Function Access through front programmable Capacitive Touch Hotkeys (Build-in 8 Hotkeys)
- Top Cover Modules designed to applications, such as LED Lamp for Service Call
- Eye-catching Industrial Design perfectly blended into eServices scenarios
- Front panel complies with IP65/NEMA4 protection standard
- VESA 75mm Mounting Holes for Desktop Stand & Wall-Mount
- UL60601-1, IEC/EN60601-1 Certified (Optional)



### Introduction

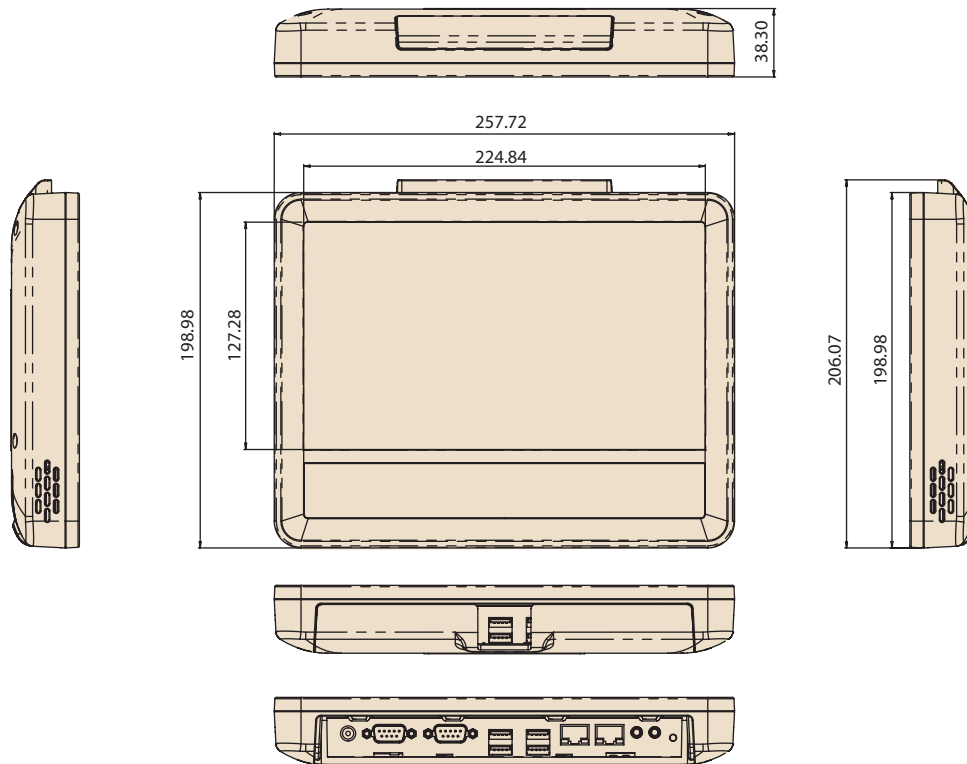
UTC-W101 is an Intel® Atom™ based fan-less all-in-one PC with 10.1" wide format resistive touch-based LCD panel. Not only a cost effective, but also a versatile all-in-one solution to meet the vast demand emerging from market. Hot keys on bezel provide Instant function access, simple and elegant industrial design perfectly blended into eServices scenarios.

### Specifications

Processor System	CPU	Intel® Atom™ Z510P 1.1 GHz, Z530P 1.6 GHz
	Chipset	Intel® Atom™ Silverthorne XL Z510P or Z530P + US15WP
	L2 Cache	512KB
	FSB Speed	400 Mhz
	Memory	DDR2 400/533 200pin SO-DIMM x 1 (Built-in 1 GB)
	Storage	Supports 1 x internal CompactFlash (Built-in 2G CompactFlash)
	Network (LAN)	2 x Gigabit Ethernet ports, Wake on LAN, boot from LAN and LAN teaming supported
	I/O Ports	2 x COM ports 4 x USB V2.0 ports Mic-in/Line-out 2 x Gigabit Ethernet Ports
	Stereo Speaker	1W x 2
	Microphone	Built-in microphone x 1
Bus expansion	Support Mini PCIe x 1	
Dimensions (W X H X D)	258 x 199 x 38.3mm (10.16" x 7.83" x 1.51")	
Weight	1.2Kg (2.6lbs)	
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)
	Relative Humidity	10 ~ 95% @ 40° C non-condensing
	Vibration	1 G
	Shock	10 G peak acceleration (11 msec. duration)
	EMC	BSMI, CE, FCC Class B, CCC
	Safety	CB, CE, UL, CCC, UL 60601-1. IEC/EN60601-1 Certified (Optional), BSMI
Power Supply	Front Panel Protection	IP65/NEMA 4 compliant
	Power Input Voltage	12 V <sub>DC</sub> ~ 19 V <sub>DC</sub>
	Power Input Current	5 A ~ 2.1 A
	Power Adapter	AC to DC, DC 19 V/40 W (Optional)
LCD Display	Power consumption	Typical 10 W Max 16 W
	Size/Type	10.1" TFT LCD with LED backlight
	Max.Resolution	1024 x 600
	Max. Color	262K
	Pixel Pitch (mm)	0.2175 (H) x 0.2088 (V)
	Brightness (cd/m <sup>2</sup> )	200
	View Angle	90° (45(L), 45(R), 20(U), 45(Down))
Backlight MTBF	10,000 hrs	
Touch Screen	Type	Analog Resistive 5 wires
	Resolutions	Continuous
	Light Transmission	80 %
	Controller	RS-232
	Software Driver	Windows XP/ 7/ XPE/ Linux
	Durability (Touches)	36 million

## Dimensions

Unit: mm



## Ordering Information

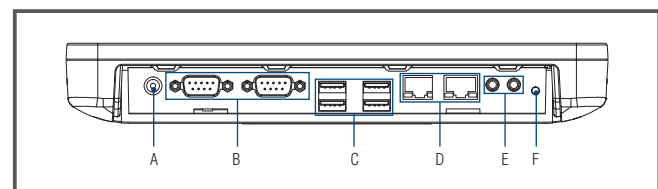
Part No.	Description
UTC-W101E-RE	10.1" Atom™ 1.6 GHz based fan-less Ubiquitous Touch Computer with Resi. T/S, 1G RAM, 2G CF card
UTC-W101E-R1E	10.1" Atom™ 1.1 GHz based fan-less Ubiquitous Touch Computer with Resi. T/S, 1G RAM, 2G CF card
UTC-W101E-R1XPE0E	UTC-W101E-R1E with XPE image
UTC-W101E-GE	10.1" Atom™ 1.6 GHz based fan-less Ubiquitous Touch Computer w/o T/S, 1G RAM, 2G CF card
UTC-W101E-G1E	10.1" Atom™ 1.1 GHz based fan-less Ubiquitous Touch Computer w/o T/S, 1G RAM, 2G CF card
2070009515	XPE for UTC-W101 V4.0 ENG/CHT/CHS/JPN
1757003202	AC ADAPTER DC19V/2.1A 40W FSP040-RA
1700001524	Power Cord 3P UL 10A 125V 1.8M (US)
170203183C	Power Code 3P (WS-010+083) 183 cm (Europe)
1757000022	Medical Power Adapter +12VAC 45W ,MPU50-105
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D (For Medical Adapter)
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D (For Medical Adapter)
989KW10100E	UTC-W101E STAND Module
UTC-W101-WLE	UTC-W101E Internal Wireless LAN module

## Feature Details

### Protection

To meet the requirements of a public environment, the front panel UTC-W101 complies with the IP65/NEMA 4 protection standard. Furthermore, the watchdog timer and power management features make the system secure and stable. The onboard hardware monitoring feature provides an automatic protection function, which prevents the CPU from becoming overheated.

### Fully-Integrated I/O



A: DC Inlet  
B: COM x2  
C: USB 2.0 x4

D: LAN x2  
E: AUDIO Inlet  
F: Power SW