# UTC-W101B

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



### Introduction

#### **Features**

- Fanless Intel<sup>®</sup> Atom<sup>™</sup> CedarTrail + NM10
- Low Power Consumption attributed to Intel<sup>®</sup> Atom™ CedarTrail Architecture
- Providing Natural Viewing Experience with 16:9 10.1" WSXGA Display
- Instant Function Access through front programmable Capacitive Touch Hotkeys (Build-in 6 Hotkeys)
- Top Cover Modules designed for varied applications needs, such as programmable LED or camera module
- New integrated RFID sensor at front empowers all kind of iServices application (NFC ready)
- Built-in WiFi, RFID, Bluetooth for std. PN
- Front panel complies with IP65/NEMA4 protection standard
- VESA 75mm Mounting Holes for Desktop Stand & Wall-Mount
- Dual Certificates applied: ITE EN/UL 60950 & Medical EN/UL 60601-1

UTC-W101B is an Intel<sup>®</sup> Atom<sup>™</sup> 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.

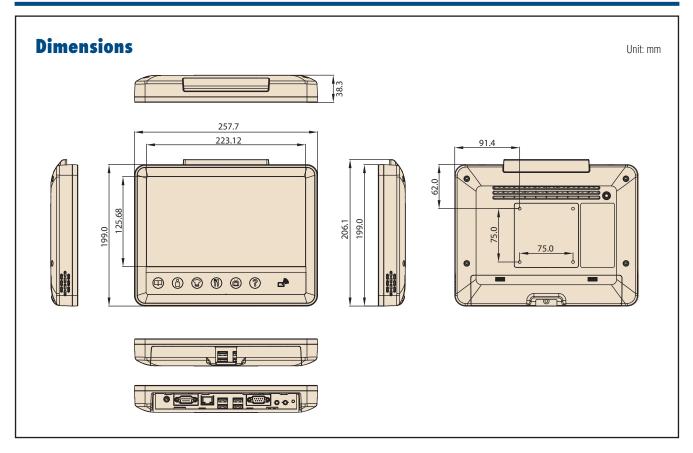
## **Specifications**

Processor System CPU Intel® Atom™ CectarTial N2800 1466GHz   Chipset 14M 2.6 Gr/S   Memory D0R3 1067 204 pin SO-DIMM xt 1slot (Built-in 26B, up to 46B)   Storage Supports 1 x Min SATA (Built-in 16G mSATA SSD)   Network (LAN) 1 X Signib Etherent points (Wale on LAN, boot from LAN and LAN teaming supported   2 x Brows Starge Starget		ODU	
Processor System 12 Ganha 1 MB   Processor System 0 MI 2.6 G7/S   Memory DDB 1067 204 pin SO-DIMM xt slot (Built-in 26B, up to 4GB)   Storage Supports 1 xt Mini SATA (Built-in 16G mSATA SDJ)   Network (LAN) 1.6 Gapial Elbernet proto: Wate on LAN, boot from LAN and LAN learning supported   2 x RS-23 2004 ports (solated) 2 x RS-23 2004 ports (solated)   4 x USB V2.0 ports A VUSB V2.0 ports   Mic-in/Line-out 2 x RS-23 2004 ports (solated)   4 x USB V2.0 ports Mic-in/Line-out   A Roge R WX 2   Microphone Buit Environmental Elbernet Ports (solated)   1 x Gapati Elbernet Ports (solated) 1 x Gapati Elbernet Ports (solated)   1 x Gapati Elbernet Ports (solated) 1 x Gapati Elbernet Ports (solated)   1 x Gapati Elbernet Ports (solated) 1 x Gapati Elbernet Ports (solated)   1 x Gapati Elbernet Ports (solated) 2 x Ro (5 4 lbs)   Dimensions (W X 12) 2 Sk 199 X 83 mm (10 16" X 7.83" x 1.51")   Weinful Vitroin 2 G C (2 - Line C)   Environmental Specifications Shock 1 G G paek acceleration (11 msec. duration)   Edviro Hundity 10 - 95% @			
DM 2.5 GTS   Memory DDR3 1067 204 pin SO-DIMM x1 slot (Built-in 2GB, up to 4GB)   Storage Supports 1 x Mini SATA (Built-in 166 mSATA SSD)   Network (LAN) 1 x Gigabil Ethernel ports, Wake on LAN, boot from LAN and LAN learning supported   X USB V2 0 ports X R5:323 COM ports (solatad)   X USB V2 0 ports X USB V2 0 ports   Vi0 Ports Z Gabit Ethernel ports, Wake on LAN, boot from LAN and LAN learning supported   X USB V2 0 ports X USB V2 0 ports   Vi0 Ports Z Gabit Ethernel Ports (solatad)   X USB V2 0 ports X USB V2 0 ports   Vi0 Ports Z Gabit Ethernel Ports (solatad)   Steroo Speaker W V2   Microphone Built-In microphone x 1   Buse opension Support Mini PCIx x 1   Mingth 2 47 kg (5 4 tabs)   Operating Temperature 0 - 40° C (22 - 104° F)   Relative Hurnidity 10 - 95% 96 40° C non-condensing   Vibration 2 G   Environmental Specifications Shock 10 (G Rela xaceleration (11 msec. duration)   ENV Skergy poet 10 (G Rela xaceleration (11 msec. duration)   ENV			
Memory DDB3 1067 204 pin Sch DMM xt slot (Built-in 2GB, up to 4GB)   Storage Supports 1 xt Mini SATA (Built-in 166 mSATA SSD)   Network (LAN) 1 x Gigabit Ethermel ports. Wale on LAN, boot from LAN and LAN learning supported   2 x R5-232 COM ports (Solated) 2 x R5-232 COM ports (Solated)   4 x USB V/2 Dpris 2 x R5-232 COM ports (Solated)   4 x USB V/2 Dpris 2 x Power switch(non locates at the I/O ports, the other one locates at the rear of machine)   1 x Gigabit Ethermel Ports (Solated) 1 x Gigabit Ethermel Ports (Solated)   1 x Gigabit Ethermel Ports (Solated) 1 x Gigabit Ethermel Ports (Solated)   1 x Gigabit Ethermel Ports (Solated) 1 x Gigabit Ethermel Ports (Solated)   1 x Gigabit Ethermel Ports (Solated) 1 x Gigabit Ethermel Ports (Solated)   1 x Gigabit Ethermel Ports (Solated) 1 x Gigabit Ethermel Ports (Solated)   1 x Gigabit Ethermel Ports (Solated) 2 x Power switch(non locates at the I/O ports, the other one locates at the rear of machine)   1 x Gigabit Ethermel Ports (Solated) 2 x Power switch(non locates at the I/O ports, the other one locates at the rear of machine)   1 x Gigabit Ethermel Ports (X x X X D) 2 2 x Power switch(non locates at the I/O ports, the other one locates at the rear of machine)   1 x Gigabit Ethermel Ports (X x X X D) 2 x A tog G x 10 x			=
Storage Surgors 1 x Mini SATA (Sp)   Processor System Network (LAN) 1 x Gipabit Etherent ports, Wake on LAN, boot from LAN and LAN teaming supported   2 x R5-232 COM ports (isolated) 4 x USB V2.0 ports Michael Mich			
Processor System Network (LAN) 1 x Graphic themet ports, Wate on LAN, boot from LAN and LAN teaming supported   2 x R5-232 COM ports 2 x R5-232 COM ports (isolated) 2 x R5-232 COM ports (isolated)   4 x USB V2 0 ports Mini-in/Line-out 2 x Power switch(one locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 1 x Graphot Read 2 x Power switch(one locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 1 x Graphot Read 2 x Power switch(one locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 1 x Graphot Read 2 x Power switch(one locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 1 x Graphot Read 2 x Power switch(One locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 1 x Graphot Read 2 x Power switch(One locates at the V0 ports, the other one locates at the rear of machine)   1 x Graphot Read 2 x Power Switch W1 ND 2 Stere Seaker 1 x REID Sensition   1 merstoring W1 MX ND 2 Stere Seaker 1 x Prover Switch W1 ND 2 Stere Seaker   1 merstoring W1 MX ND 2 Stere Y Read Sta Sta W1 ND 1 - Stere Seaker 1 Read V1 Read Comonten   1 merst			
Processor System Vio Ports 2 x 65-232 COM ports (solated) 4 x USB V/2 ports Mic.Hu/Line-out 2 x Yoever switch(one locates at the vole one locates at the rear of machine) 1 x FiD Sensor hidden @ Front Panel (built-in for std. PN, removable for T-PN or Project PN)   Stereo Speaker 1 W x 2   Mic.Grophone Built-in microphone x 1   Bus expansion Support Min Pick x 1   Bus expansion Support Min Pick x 1   Dimensions (W X H X D) 258 x 199 x 38.3mm (10.16" x 7.83" x 1.51")   Wicht 2.4" Kost (5.4 lbs)   Operating Temperature 0 - 40" C (23 - 104" F)   Relative Humidity 10 - 35% @ 40" C non-condensing   Vibration 2 G   Environmental Specifications Shock 10 G peak acceleration (11 msec. duration)   Edu & C, C, UL 60601-1. It C/EN60601-1 Certified (Optional), BSMI Front Panel Protection   Power Nupply Power Input Vollage 12 Vac - 19 Vac   Power Nupply Size/Type 10.1"TFL LO with LED backlight   Max Resolution 1024 x 600 Max Resolution   View Adapter AC to DC DC 19 V/40 W Max Resolution   Power Nupply Power Input Vollage 10.1"TFL LO with LED backlight			
Processor System 4 x USB V2.0 ports 4 x USB V2.0 ports   Wie-inCline-out 2 x Power switch(one locates at the I/O ports, the other one locates at the rear of machine) x Gigabit Etherne Ports (Soladed) x HFID Sensor hidden @ Front Panel (built-in for std. PN, removable for T-PN or Project PN)   Stereo Speaker 1W x 2   Miccophone Built-inmicrophone x 1   Buse spansion Support Mini PCIe x 1   Dimensions (W X H X D) 258 x 199 x 383 arm (1016" x 7.83" x 1.51")   Dimensions (W X H X D) 258 x 199 x 383 arm (1016" x 7.83" x 1.51")   Bealawe Humidity 0 - 40° C (32 - 104° F)   Relative Humidity 10 - 95% @ 40° C non-condensing   Vioration 2 G   Notation 2 G   Notation 10 G peak acceleration (11 msec. duration)   Environmental Specifications Shock 10 G peak acceleration (11 msec. duration)   Forut Part Protection 1P65N/EMA 4 compliant Power Input Voltage   Power Input Voltage 12 Vao 19 Vao   Power Input Voltage 10 C peak acceleration (11 msec. duration)   Forut Part Protection 1P65N/EMA 4 compliant Power Input Voltage   Power Adapter A 10 D CD E 19		Network (LAN)	
Microphone Built-in microphone x 1   Bus expansion Support Mini PCIe x 1   Dimensions (W X H X D) 258 v How 38 38 mm (0.16" x 7.83" x 1.51")   Weight 2.47 kg (5.4 lbs)   Operating Temperature 0 - 40° C (32 - 104° F)   Relative Humidity 10 - 95% @ 40° C non-condensing   Vibration 2 G   Stock 10 G peak acceleration (11 msec. duration)   EMC BSMI, CE, FCC Class B, CCC   Safely CB, CE, LU, CCO, LU CCO, L	Processor System	I/O Ports	4 x USB V2.0 ports Mic-in/Line-out 2 x Power switch(one locates at the I/O ports, the other one locates at the rear of machine) 1 x Gigabit Ethernet Ports (isolated) 1 x RFID Sensor hidden @ Front Panel (built-in for std. PN, removable for T-PN or Project PN)
Bus expansion Support Mini PCle x 1   Dimensions (W X H X D) 258 x 199 x 38.3mm (10.16" x 7.83" x 1.51")   Weijdh 2.47 kg (5.4 libs)   Preventions (W X H X D) 258 x 199 x 38.3mm (10.16" x 7.83" x 1.51")   Prevention (1) 2.47 kg (5.4 libs)   Prevention (1) 2.40" C non-condensing   Vitration 2.6   Shock 10 G peak acceleration (11 msec. duration)   EMC BMM, CE, FCC Class B, CCC   Safely CB, CL, UL, CCC, UL 0.6001.1 LEC/EM60601-1 Certified (Optional), BSMI   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc 19 Voc.   Power Input Voltage 12 Voc 19 Voc.   Power Input Voltage 12 Voc 19 Voc.   Power Consumption Typical 14 W   Max. Robultion 1024 x 600   Max. Robultion 1024 x 600   Max. Color 262K   Power Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10.000 hrs   Prover Analog Resistive 5 wires   Resolutions Controller   Resolutions 0%		Stereo Speaker	
Dimensions (W X H X D) 259 x 199 x 38.3mm (10.16" x 7.83" x 1.51")   Weight 2.47 kg (5.4 lsb)   Operating Temperature 0 ~ 40° C (32 ~ 104° F)   Relative Humidity 10 - 95% @ 40° C non-condensing   Vibration 2 G   Shock 10 G peak acceleration (11 msec. duration)   EMC BSMI, CE, FCC Class B, CCC   Safety CB, CE, LU, CCC, UL 60601-1. IEC/EN60601-1 Certified (Optional), BSMI   Front Panel Protection IP66/NEMA 4 compliant   Power Input Voltage 12 Vo. ~ 19 Vo.   Power Input Voltage 12 Vo. ~ 19 Vo.   Power Consumption Max. 18 W   Size/Type 10.1° Y17 UL Owith LED backlight   Max. Color 262K   Max. Color 262K   Max. Color 262K   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Touch Screen Type   Touch Screen Analog Resistive 5 wires   Resolution 80 %.   Controller RS-232   Sthware Driver WieWS37 / Linux		Microphone	Built-in microphone x 1
Weight 2.47 kg (5.4 lbs)   Operating Temperature 0 - 40° C (32 - 104° F)   Relative Humidity 10 - 95% @ 40° C non-condensing   Vitration 2 G   Shock 10 6 peak acceleration (11 msec. duration)   EMC BSMI, CE, FCC Class B, CCC   Safety CB, CC, UL, C6CO, UL, 60601-1 Certified (Optional), BSMI   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc - 19 Voc   Power Input Portection Typical 14 W   Max 18 W Max 18 W   LCD Display Size/Type 10.1* TFT LCD with LED backlight   Max, Color 262K   Max, Resolution 1024 x 600   Max, Resolution 02175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10.000 hrs   Resolutions Continuous		Bus expansion	Support Mini PCIe x 1
Operating Temperature Relative Humidity 0 - 40° C (32 - 104° F) Relative Humidity   Environmental Specifications Relative Humidity 10 - 95% @ 40° C non-condensing Vibration 2 G   Shock 10 G peak acceleration (11 msec. duration) EMC BSMI, CE, FCC Class B, CCC   Safety CB, CE, UL, CCC, UL c0601-1. IEC/EN60601-1 Certified (Optional), BSMI Front Panel Protection   Prover Input Voltage 12 V <sub>DC</sub> ~ 19 V <sub>DC</sub> Power Input Current 5 A - 2.1 A   Power Adapter AC to D C, DC 19 V/40 W Power Adapter AC to D C, DC 19 V/40 W   Power consumption Typical 14 W Max 18 W Max Resolution 1024 x 600   Max. Color 262K Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V) Max Resolution   Brightness (cd/m <sup>2</sup> ) 200 View Angle 90° (45(L), 45(R), 20(U), 45(Down)) Backlight MTBF   Touch Screen Light Transmission 80 % Continuous Light Transmission 80 %   Controller RS-232 Software Driver Windows 7/ WES7/ Linux Software Driver Software Driver		Dimensions (W X H X D)	258 x 199 x 38.3mm (10.16" x 7.83" x 1.51")
Pelative Humidity 10 - 95% @ 40° C non-condensing   Vibration 2 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   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc - 19 Voc   Power nput Voltage 12 Voc - 19 Voc   Power Adapter AC to DC,DC 19 V/40 W   Power consumption Typical 14 W   Max Resolution 1024 x 600   Max Resolution 1024 x 600   Max Resolution 1024 x 600   Max Resolution 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° 4(5(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Touch Screen Fype   Light Trasmission 80 %   Controller RS-322   Software Driver Windows 7/ WES7/ Linux		Weight	2.47 kg (5.4 lbs)
Vibration 2 G   Environmental Specifications Shock 10 G peak acceleration (11 msec. duration)   EMC BSMI, CE, FCC Class B, CCC   Safety CB, CE, LU, CCC, UL 60601-1. IEC/EN60601-1 Certified (0ptional), BSMI   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc - 19 Voc   Power Input Current 5 A ~ 2.1 A   Power Adapter AC to DC 19 V/40 W   Power consumption Typical 14 W   Max Resolution 1024 x 600   Max. Resolution 1024 x 600   Max. Resolution 1024 x 600   Max. Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10.000 hrs   Touch Screen Type   Ight Transmission 80 %   Continuous Software Driver		Operating Temperature	0 ~ 40° C (32 ~ 104° F)
Environmental Specifications Shock 10 G peak acceleration (11 msc. duration)   EMC BSMI, CE, FCC Class B, CCC   Safety CB, CE, UL, CCC, UL 60601-1. Certified (Optional), BSMI   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc - 19 Voc   Power Input Current 5 A ~ 2.1 A   Power Adapter A C to DC,D C 19 V/40 W   Power consumption Typical 14 W   Max 18 W Max 18 W   LCD Display Size/Type 10.1" TFT LCD with LED backlight   Max. Color 262K   Pixel Pitch (mm) 0.2175 (H) × 0.2088 (V)   Brightness (cd/m²) 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 7/WES7/Linux		Relative Humidity	10 ~ 95% @ 40° C non-condensing
EMC BSMI, CE, FCC Class B, CCC   Safety CB, CE, UL, CCC, UL 60601-1. IEC/EN60601-1 Certified (Optional), BSMI   Front Panel Protection IP95/NEMA 4 compliant   Power Input Voltage 12 Voc 19 Voc   Power Input Current 5 A - 2.1 A   Power Adapter AC to DC, DC 19 V/40 W   Power consumption Typical 14 W   Max. 18 W Max. 18 W   Size/Type 10.1" TFT LCD with LED backlight   Max. Resolution 1024 x 600   Max. Color 262K   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Touch Screen Type   Ight Transmission 80 %   Controller Res-232   Software Driver Windows 7/ WES7/ Linux		Vibration	2 G
Safety CB, CE, UL, CCC, UL 60601-1. IEC/EN60601-1 Certified (Optional), BSMI   Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Voc ~ 19 Voc   Power Input Current 5 A ~ 2.1 A   Power Adapter A C to DC, DC D 19 V/40 W   Power consumption Typical 14 W   Max 18 W Max 18 W   LCD Display Size/Type 10.1" TFT LCD with LED backlight   Max. Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Resolutions Continuous   Light Trasmission 80 %   Controller Rs-232   Software Driver Windows 7/WES7/Linux	Environmental Specifications	Shock	10 G peak acceleration (11 msec. duration)
Front Panel Protection IP65/NEMA 4 compliant   Power Input Voltage 12 Vpc ~ 19 Vpc   Power Input Current 5 A ~ 2.1 A   Power Adapter AC to DC,DC 19 V/40 W   Power consumption Typical 14 W   Max 18 W Max 18 W   LCD Display Size/Type 10.1" TFT LCD with LED backlight   Max. Color 262K   Pixel Pitch (mn) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		EMC	BSMI, CE, FCC Class B, CCC
Power Supply Power Input Voltage 12 V <sub>0C</sub> ~ 19 V <sub>0C</sub> Power Supply Power Input Current 5 A ~ 2.1 A   Power Adapter AC to DC,DC 19 V/40 W   Power consumption Typical 14 W   Max 18 W Max 18 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/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Touch Screen Type   Iigh Transmission 80 %   Controller RS-322   Software Driver Windows 7/ WES7/ Linux		Safety	CB, CE, UL, CCC, UL 60601-1. IEC/EN60601-1 Certified (Optional), BSMI
Power Supply Power Input Current 5 A ~ 2.1 A   Power Adapter AC to DC,DC 19 V/40 W   Power consumption Typical 14 W   Max.18 W Max.18 W   Size/Type 10.1" TFT LCD with LED backlight   Max.Resolution 1024 x 600   Max.Resolution 1024 x 600   Max.Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Touch Screen Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		Front Panel Protection	IP65/NEMA 4 compliant
Power Supply Power Adapter AC to DC, DC 19 V/40 W   Power consumption Typical 14 W Max 18 W   Size/Type 10.1* TFT LCD with LED backlight   Max.Resolution 1024 x 600   Max.Resolution 1024 x 600   Max.Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		Power Input Voltage	12 V <sub>DC</sub> ~ 19 V <sub>DC</sub>
Typical 14 W Max 18 W   Power consumption Typical 14 W Max 18 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/m²) 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 7/ WES7/ Linux		Power Input Current	5 A ~ 2.1 A
Fower consumption Max 18 W   Max.Resolution 10.1* TFT LCD with LED backlight   Max.Resolution 1024 x 600   Max.Color 262K   Max.Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Backlight MTBF 10,000 hrs   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux	Power Supply	Power Adapter	AC to DC,DC 19 V/40 W
Instrume Max res   Nax.Resolution 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/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		Power concumption	Typical 14 W
Max Resolution 1024 x 600   Max. Color 262K   Max. Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 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   Controller 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		· · · · · · · · · · · · · · · · · · ·	
LCD Display Max. Color 262K   Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V) Brightness (cd/m <sup>2</sup> ) 200   Brightness (cd/m <sup>2</sup> ) 200 View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs 10,000 hrs   Resolutions Continuous Continuous   Light Transmission 80 % 10,000 lrs   Controller RS-232 Software Driver   Software Driver Windows 7/ WES7/ Linux Windows 7/ WES7/ Linux	LCD Display		
LCD Display Pixel Pitch (mm) 0.2175 (H) x 0.2088 (V)   Brightness (cd/m²) 200   View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hs   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/WES7/Linux			
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 7/WES7/Linux		Max. Color	262K
View Angle 90° (45(L), 45(R), 20(U), 45(Down))   Backlight MTBF 10,000 hrs   Type Analog Resistive 5 wires   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		Pixel Pitch (mm)	0.2175 (H) x 0.2088 (V)
Backlight MTBF 10,000 hrs   Type Analog Resistive 5 wires   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux			
Type Analog Resistive 5 wires   Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		View Angle	
Touch Screen Resolutions Continuous   Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux		Backlight MTBF	10,000 hrs
Light Transmission 80 %   Controller RS-232   Software Driver Windows 7/ WES7/ Linux	Touch Screen	Туре	Analog Resistive 5 wires
Louch Screen Controller RS-232   Software Driver Windows 7/WES7/Linux		Resolutions	Continuous
Software Driver Windows 7/ WES7/ Linux		Light Transmission	80 %
		Controller	RS-232
Durability (Touches) 36 million		Software Driver	Windows 7/ WES7/ Linux
		Durability (Touches)	36 million

#### AD\ANTECH Panel PCs

All product specifications are subject to change without notice

## UTC-W101B

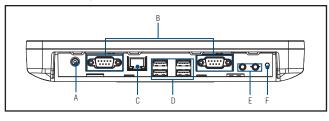


# **Ordering Information**

Part No.	Description
UTC-W101B-ABI0E	10.1", Atom CedarTrail N2800 1.86GHz, Black, Res. T/S, 2G RAM, 16G mSATA, WIFI, RFID, Bluetooth, IT grade, w/o OS
UTC-W101B-AWI0E	10.1", Atom CedarTrail N2800 1.86GHz, White, Res. T/S, 2G RAM, 16G mSATA, WIFI, RFID, Bluetooth, IT grade, w/o OS
UTC-W101BF-ABI0E	UTC 10.1, AtomN2800, Black cover, Full Flat P-CAP T/S
UTC-W101BF-AWI0E	UTC 10.1, AtomN2800, White cover, Full Flat P-CAP T/S
2070011292	Image WES7E SP1 x32 UTC-W101B
1757003202	AC ADAPTER DC19V/2.1A 40W FSP040-RA (already included in BOM of above std. PNs)
1757003850	Medical Power Adapter 100-240V 63W 18V 3.5A MPU64-107 W/PFC
1700001524	Power Cord 3P UL 10A 125V 1.8M (US)
170203183C	Power Code 3P (WS-010+083) 183 cm (Europe)
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

above std. PN default configuration already includes: RAM 2G, mSATA 16G, WiFi, RFID, Bluetooth, Power Adapter

## Fully-Integrated I/O



A: DC Inlet B: COM Port x 2 (isolated) C: Gigbit LAN Port (isolated) D: USB x 4 E: Audio Inlet x 2 (Line-out x 1, MIC-in x 1) F: Power Switch

# **Feature Details**

#### Protection

To meet the requirements of a public environment, the front panel UTC-W101B 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.