UTC-W101B

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



Features

- Fanless Intel® Atom[™] CedarTrail + NM10
- Low Power Consumption attributed to Intel[®] 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

Introduction

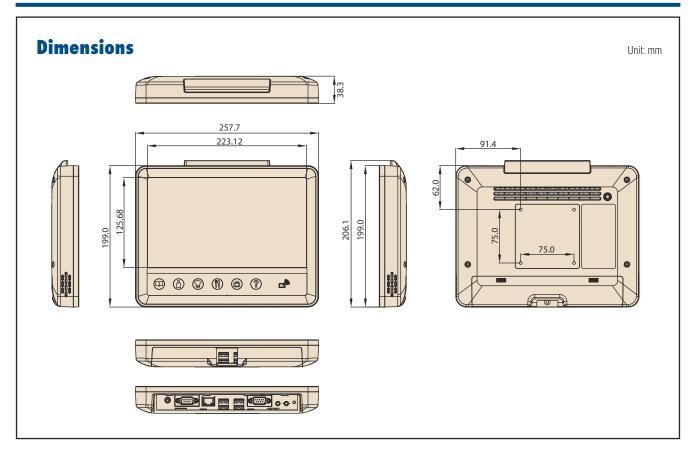
UTC-W101B is an Intel[®] Atom[™] based fan-less all-in-one PC with 10.1" wide format resistive touch-based LCD panel. Not only a cost effective, but also a versatile all-in-one solution to meet the vast demand emerging from market. Hot keys on bezel provide Instant function access, simple and elegant industrial design perfectly blended into eServices scenarios.

Specifications

Processor System Chipset Intel® Atom ** CedarTrail N2800 1.860Hz + NM10 L2 Cache 1 MB Processor System EC Cache 1 MB Processor System Storage Supports 1 X Mini SATA (Built-In 16G mSATA SSD) Network (LAN) 1 X Gipabit Ethernet ports, Wake on LAN, boot from LAN and LAN teaming supported 2 x HS -232 COM ports X HSD S2Q ports V/O Ports 2 x Frows winct(ine tocales at the I/O ports, the other one locates at the rear of machine) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x X KipJabit Ethernet Ports (sociated) 1 x KipJabit Ethernet Ports (sociated) x KipJabit Ethernet Ports (sociated) 1 x KipJabit	-		
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Backlight MTBF 10,000 hrs			
		<u>v</u>	
Type Analog Resistive 5 wires	Touch Screen		
Resolutions Continuous			
Touch Screen Light Transmission 80 %			
Controller RS-232		Controller	
Durability (Touches) 36 million		Software Driver	Windows 7/ WES7/ Linux

All product specifications are subject to change without notice

UTC-W101B

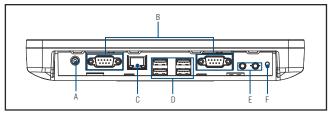


Ordering Information

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 0S
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.