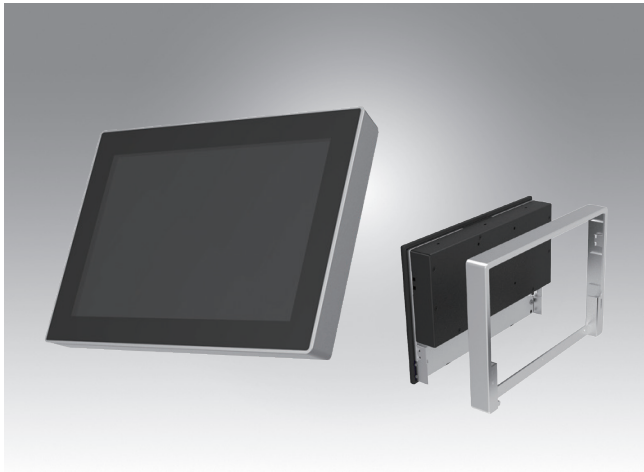


UTC-510

10.1" Ubiquitous Touch Computer UTC-510G with Intel® Celeron® N3350 & Pentium® N4200



Features

- Low Power & Fanless design
- Built in Intel® Celeron® N3350/Pentium® N4200 (UTC-510G)
- Providing Natural Viewing Experience with 16:10 10.1" Display
- Landscape & Portrait screen mode support by different applications
- VESA 75 mm standard mounting holes for varied mounting demands
- Detachable plastic frame design for panel mount applications
- POE supported on Celeron N335/N4200 platform



Introduction

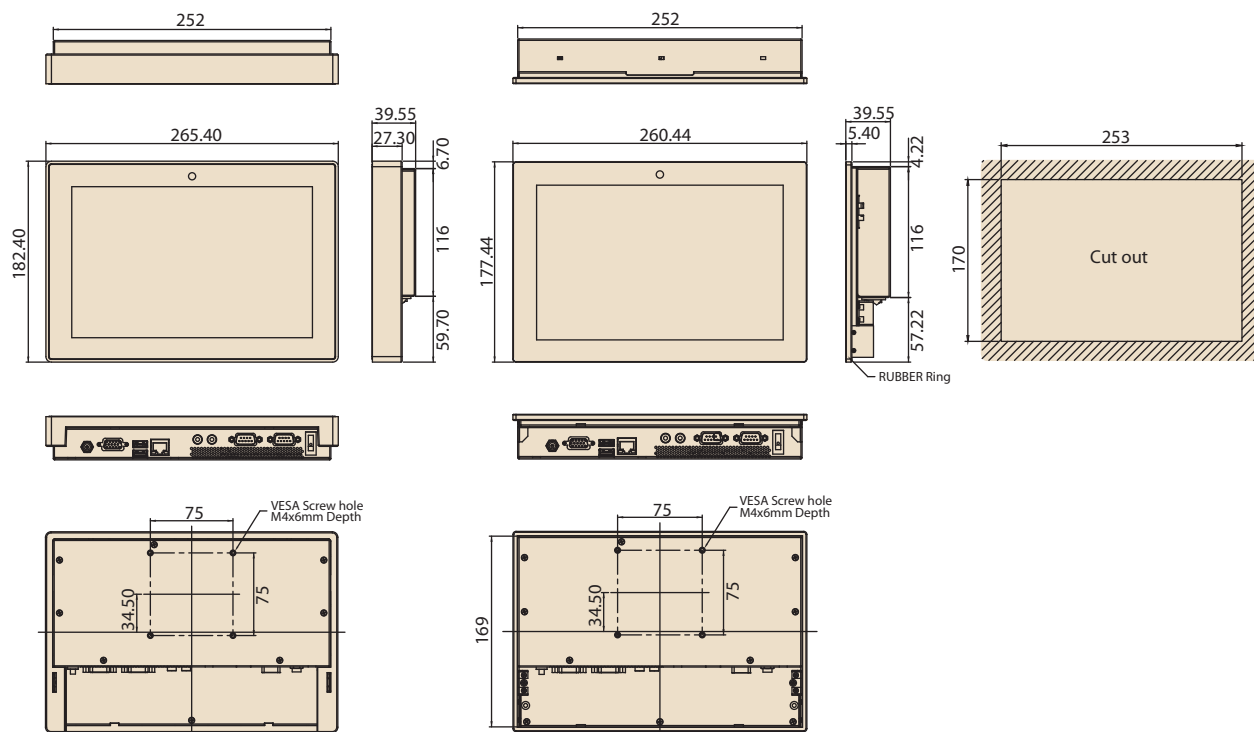
UTC-510 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed interactive interfaces, fully ensure relevant content and targeted promotions are delivered. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

Specifications

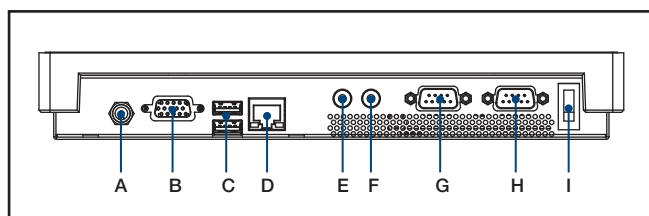
Processor System	CPU	Intel® Celeron® N3350 (UTC-510G)	Intel® Pentium® N4200 (UTC-510G)
	Base Frequency	1.10 GHz (Dual-Core)	1.10 GHz (Quad-Core)
	Cache	L2 Cache 2MB	L2 Cache 2MB
	Memory	1 x 204 pin SO-DIMM DDR3L 1866 MHz up to 8 GB	
	HDD	1 x 2.5 internal SATA HDD bay (Not Available for PoE / 4 USB sku)	
	Network (LAN)	1 x Gigabit Ethernet ports (Supports Wake on LAN)	
	I/O ports	2 x RS-232 COM (COM1 RS-422/485 supported)*	
		2 x USB 3.0 / 2 x USB 2.0 (optional)*	
		1 x Gigabit Ethernet (RJ-45) / 1 x Gigabit Ethernet ports with POE (Optional)	
		1 x VGA	
	Stereo Speaker	Audio Line-out x 1, Mic-in x 1	
	Stereo Speaker	2 W x 1	
	Bus expansion	1 Full size MiniPCle 1 Half size mSATA	
Mounting	VESA 75 x 75 mm		
Dimensions (W x H x D)	265.40 x 182.40 x 39.55 mm		
Weight	1.80 kg (3.97 lbs)		
OS Support	Window 10 IoT Enterprise Linux Ubuntu 20.04 Android 10		
Front Panel Protection	IP 65 Compliant		
Environmental Specifications	Operating Temperature	0 ~ 45° C (32 ~ 113° F)	
	Relative Humidity	10 ~ 95% @ 40° C non-condensing	
	Vibration	1Grms	
	Shock	5G peak acceleration (11 msec. duration)	
	Certification	CE (No RED certification), FCC, CB, UL, CCC, BSMI	
Power Supply	Input Rating	12 V/3 A (36W ITE Adapter)/POE IEEE 802.3at/30W (optional)	
	Power consumption	Typical 10W Max. 20W	
LCD Display	Size/Type	10.1" TFT LCD with LED backlight	
	Max.Resolution	1280 x 800	
	Max. Color	16.7M	
	Pixel Pitch (um)	169.5 x 169.5	
	Brightness (cd/m²)	350	
	View Angle	170 / 170	
Touch Screen Option (PE/GE)	Camera	5 Mega Pixel (Optional)	
	Type	Projected Capacitive. Glass Panel	
	Light Transmission	80% ± 5% / 90%	
Controller	USB Interface / -		

Dimensions

Unit: mm

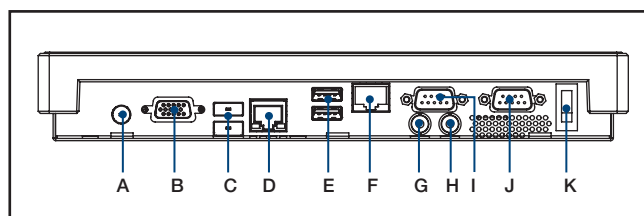


Fully- Integrated I/O



- A. DC Power jack
- B. VGA
- C. USB 3.0 x 2
- D. LAN Ports
- E. MIC-in
- F. Line-out
- G. COM 2
- H. COM 1
- I. Power switch

Fully- Integrated I/O (For PoE Sku / 4 USB Sku)



- A. DC Power jack (Not for PoE SKU)
- B. VGA
- C. USB 3.0 x 2* (Not for PoE SKU)
- D. LAN Ports
- E. USB 2.0 x 2
- F. LAN/PoE Port*
- G. MIC-in
- H. Line-out
- I. COM 2
- J. COM 1
- K. Power switch

* UTC-510 (PoE) – A PoE Powered Device (PD) is a device powered by a PSE and thus consumes energy. Please do take a Power sourcing equipment (PSE) which follows IEEE 802.3at PoE standard, also known as PoE+ or PoE plus, provides up to 30W of DC power output. Only 25.5 W input is assured to be available at the powered device as some power dissipates in the cable. For Standard UTC-510 PoE Version, 1 x USB 2.0 (A port) and 1 x USB 3.0 (E port) are not suggested to use. The customer can change the configuration only when total power input is under 25.5 W.

Ordering Information

Part No.	Description
UTC-510GG-ATB0E	10.1" Intel Celeron N3350 Based fanless UTC with Glass 4GB RAM
UTC-510GP-ATB1E	10.1" Intel Pentium N4200 Based fanless UTC with PCT.T/S 4GB RAM
UTC-510GG-ATB1E	10.1" Intel Pentium N4200 Based fanless UTC with Glass 4GB RAM
UTC-510GP-ATN0E	10.1" Intel Celeron N3350 Based fanless UTC with PCT.T/S 4GB RAM, Ant
UTC-510GP-ATN1E	10.1" Intel Pentium N4200 Based fanless UTC with PCT.T/S 4GB RAM, Ant
1700001524	Power Cord 3P UL 10A 125V 180cm
170203180A	Power Cord 3P UK 2.5A/3A 250V 1.83M
170203183C	Power Cord 3P Europe (WS-010+WS-083)183cm
1700021374-01	Power Cord 3P CCC 2.5A 250V 250cm (IEC60320-C5)
1960073820N001	IO Cover UTC-510
1931031500	Screws for IO Cover UTC-510(*2)

* PoE / 4 USB Sku is only available by project inquiry.

Peripherals for UTC-510 series

Part No.	Description
UTC-510P-F01E	Finger Print Reader For UTC-510 (USB connection)
UTC-510P-R01E	RFID Reader For UTC-510 (USB connection)
UTC-510P-B03E	2D Barcode Scanner - Honeywell N3680 for UTC-510 (USB connection)
UTC-510P-M01E	Magnet Strip Reader For UTC-510 (USB connection)
UTC-510P-S01E	Smart Card Reader For UTC-510 (USB connection)

Installation Accessory

Part No.	Description
UTC-WALL-MOUNT1E	Wall Mount kit for UTC-520/515/510
UTC-WALL-MOUNT4E	UTC-510 VESA mount (75 x 75)
UTC-S03-STANDE	UTC 75*75 mm Desktop Stand
UTC-510-STAND0E	UTC-510 desktop stand
1960074091N000	UTC-510 Panel Mount Clamper (*4)
1930005598	UTC-510 Panel Mount Screw (*4)

WIFI ordering information for UTC-510 series

Part No.	Description
UTC-510W-A0E	UTC-510 WIFI KIT, DNXA-116, 2Tx/2Rx, Antennas
UTC-510W-A1E	UTC-510 WIFI KIT, DNXA-92, 2Tx/2Rx, BT 4.0 Antennas
UTC-510W-A2E	UTC-510 WIFI KIT, DNXA-222, BT, 2Tx/2Rx, BT 4.2, Antennas