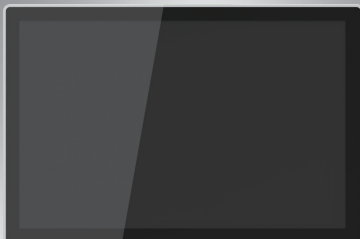


UTC-310

10.1" Ubiquitous Touch Computer UTC-310G with Intel® Celeron® N3350 (default) / Pentium® N4200 (default) / Pentium® N4200

Preliminary



Features

- Low power and fanless system design
- Built-in Intel® Celeron® N3350 (default) / Pentium® N4200 (UTC-310G)
- 10.1" monitor with 16:10 widescreen display
- IP65-rated front panel for water and dust resistance
- Supports both landscape and portrait screen orientations
- VESA 75 mm standard mounting holes for varied mounting demands
- Detachable plastic frame design for panel mount applications
- PoE supported on Celeron® N3350(default) / Pentium® N4200 platform



Introduction

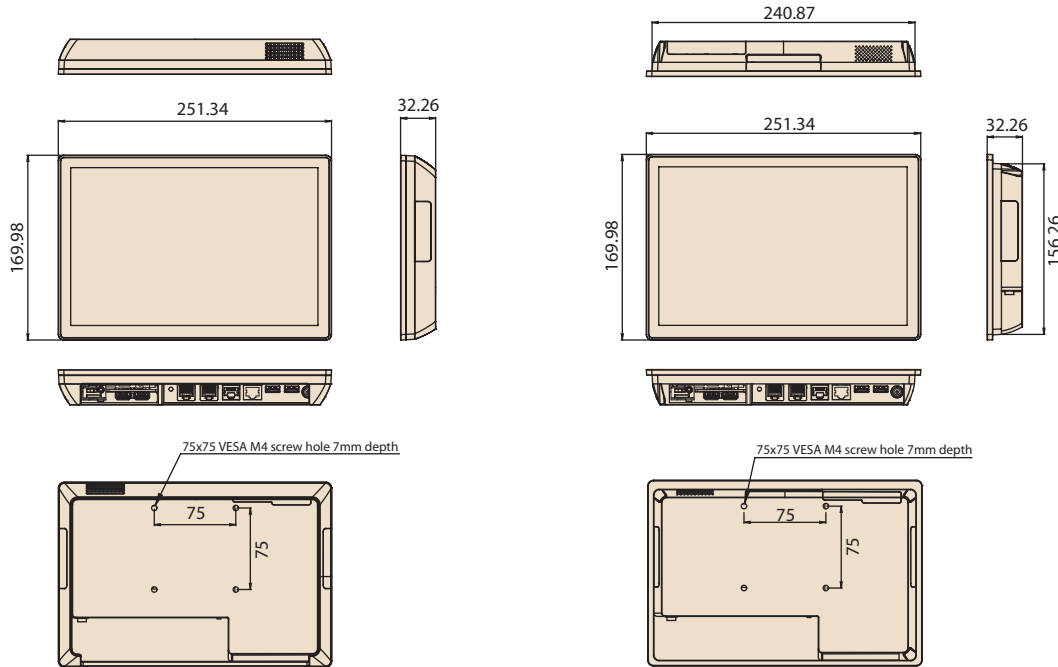
UTC-310 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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-310G)	Intel® Pentium® N4200 (UTC-310G)
	Base Frequency	1.10 GHz (Dual-Core)	1.10 GHz (Quad-Core)
	Cache	L2 Cache 1MB	L2 Cache 2MB
	Memory	1 x SO-DIMM DDR3L 1866 MHz up to 8 GB	1 x SO-DIMM DDR3L 1866 MHz up to 8 GB
	HDD	1 x 2.5 internal SATA storage bay	
	Network (LAN)	2 x Gigabit Ethernet ports (Supports Wake on LAN)	
	I/O ports	2 x RS-232 COM (COM2 RS-232/422/485 with surge protect) 2 x USB3.0 / 2 x USB3.0 (optional) 2 x Gigabit Ethernet ports (1 with PoE)	
	Stereo Speaker	1 x 2W	
	Bus expansion	1 x M.2 key2230, 1 x M.2 key2242	
	Mounting	VESA 75 x 75 mm	
	Dimensions (W x H x D)	251 x 169 x 32 mm	
Weight	1.12kg (2.46lbs)		
OS Support	Win 10 IoT Enterprise 64bit Android 6.0 Linux Ubuntu 18.04		
Environmental Specifications	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	0 ~ 40 °C (32 ~ 104 °F)
	Relative Humidity	10 ~ 95% @ 40 °C non-condensing	
	Vibration	1G*	
	Shock	10G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, CB, UL, CCC, BSMI	
	Front Panel Protection	IP 65 Compliant	
Power Supply	DC Input Rating	12 V/3 A ~ 24 V/1.5 A, 36W ITE Adapter	
	PoE	Optional IEEE 802.3at/30W	
	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/m ²)	350	
View Angle	170°/ 170°		
Touch Screen Option (PE/GE)	Type	Projected Capacitive. Glass Panel	
	Light Transmission	80% ± 5% / 90%	
	Controller	USB Interface	

Preliminary Dimensions

Unit: mm



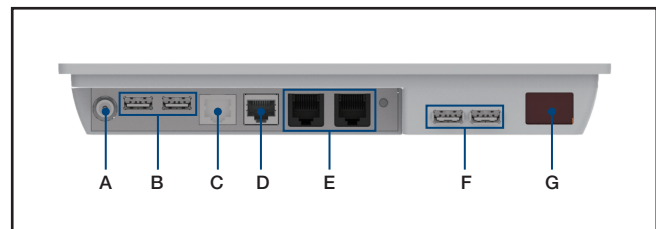
Ordering Information

Part No.	Description
UTC-310GP-ATB0E	10.1" Black, Intel Celeron® N3350 Based fanless UTC with PCap.T/S 2GB RAM, IT Adapter
UTC-310GP-ATB1E	10.1" Black, Intel Pentium® N4200 Based fanless UTC with PCap.T/S 2GB RAM, IT Adapter
UTC-310GP-ATW0E	10.1" White, Intel Celeron® N3350 Based fanless UTC with PCap.T/S 2GB RAM, IT Adapter
UTC-310GP-ATW1E	10.1" White, Intel Pentium® N4200 Based fanless UTC with PCap.T/S 2GB RAM, IT Adapter
UTC-310GG-ATB0E	10.1" Black, Intel Celeron® N3350 Based fanless UTC with Glass, 2GB RAM, IT Adapter
UTC-310GG-ATB1E	10.1" Black, Intel Pentium® N4200 Based fanless UTC with Glass, 2GB RAM, IT Adapter
UTC-310GG-ATW0E	10.1" White, Intel Celeron® N3350 Based fanless UTC with Glass, 2GB RAM, IT Adapter
UTC-310GG-ATW1E	10.1" White, Intel Pentium® N4200 Based fanless UTC with Glass, 2GB RAM, IT Adapter
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)

Preliminary Peripherals for UTC-310 series

Tentative Part No.	Description
UTC-300P-C70E	5M Camera Module, White, for UTC-307/UTC-310 series
UTC-300P-C71E	5M Camera Module, Black, for UTC-307/UTC-310 series
UTC-300P-M70E	Magnet Strip Reader, White, for UTC-307/UTC-310 series
UTC-300P-M71E	Magnet Strip Reader, Black, for UTC-307/UTC-310 series
UTC-300P-R70E	RFID Reader, White, for UTC-307/UTC-310 series
UTC-300P-R71E	RFID Reader, Black, for UTC-307/UTC-310 series
UTC-300P-B70E	2D Barcode Reader, White, for UTC-307/UTC-310 series
UTC-300P-B71E	2D Barcode Reader, Black, for UTC-307/UTC-310 series
UTC-300P-L70E	LED Light Bar, White, for UTC-307/UTC-310 series
UTC-300P-L71E	LED Light Bar, Black, for UTC-307/UTC-310 series

Fully- Integrated I/O



- A. DC Power Jack
- B. USB 3.0 x 2
- C. LAN/PoE Ports
- D. LAN Ports
- E. COM x 2 (1 w/RS232; 1 x RS-232/422/485 with surge protect)
- F. USB 3.0 x 2 (Optional)
- G. 2D Barcode Reader (Optional)

* UTC-310 PoE SKU – 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. The customer can change the configuration only when total power input is under 25.5 W.

Installation Accessory

Part No.	Description
TBD	Wall Mount Kit (UTC-307/UTC-310 series)
TBD	For UTC-307/UTC-310 Panel Mount Clamper (*4)
TBD	For UTC-307/UTC-310 Panel Mount Screw (*4)