

UTC-210

10" Ubiquitous Opened-Frame Touch Computer UTC-210G with Intel® Celeron® N3350 / Pentium® N4200

Preliminary



Features

- Low power and fanless system design
- Built-in Intel® Celeron® N3350 / Pentium® N4200
- 10.1" monitor with 16:10 widescreen display
- Supports both landscape and portrait screen orientations
- PoE supported on Celeron® N3350 / Pentium® N4200 platform

CE FCC

Introduction

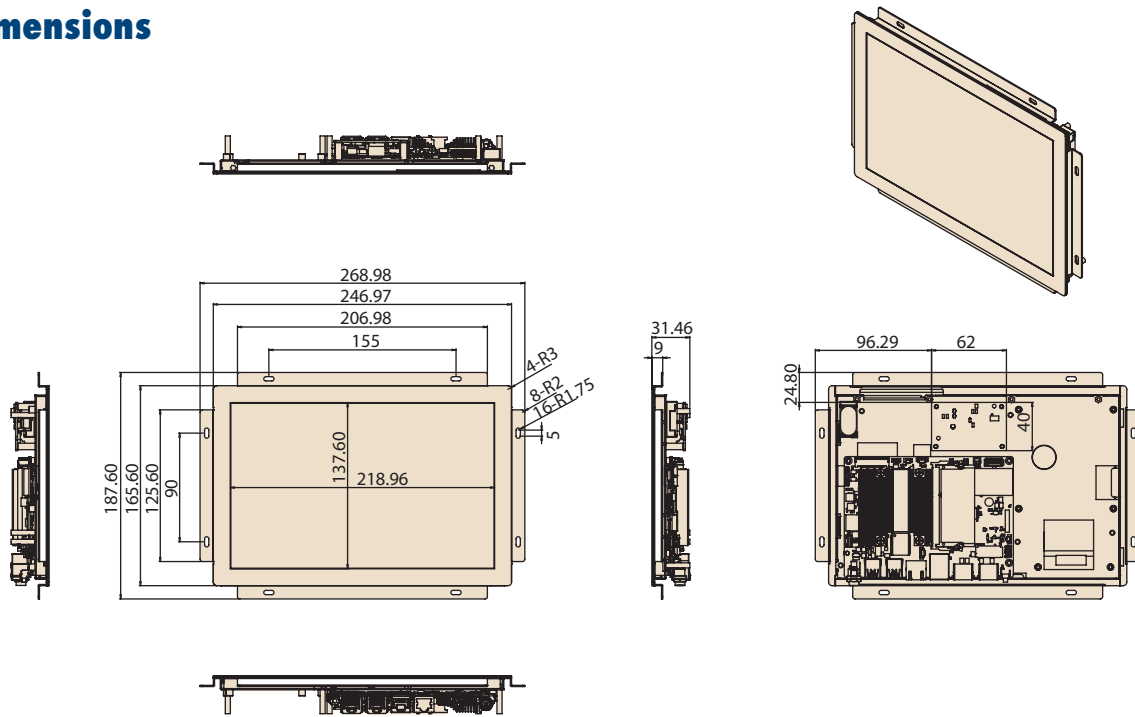
UTC-210 features one-piece solution and fan-less design that easy to embedded into kiosk chassis or wall mount type. Continuation of the advantage from UTC series, It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed interactive interfaces, fully ensure relevant content and targeted promotions are delivered.

Specifications

Processor System	CPU	Intel® Celeron® N3350 (UTC-210G)	Intel® Pentium® N4200 (UTC-210G)
	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
	Storage	1 x 2.5 internal SATA storage bay / 1 x M.2 2242 SSD	
	Network (LAN)	2 x Gigabit Ethernet ports (Supports Wake on LAN)	
	I/O ports	2 x RS-232 COM (COM2 RS-232/422/485) 2 x USB3.0 / 2 x USB3.0 (optional) 2 x Gigabit Ethernet ports (1 with PoE)	
	Stereo Speaker (Optional)	1 x 2W	
	Bus expansion	1 x M.2 key2230, 1 x M.2 key2242	
	Dimensions (W x H x D)	247 x 165.6 x 33.2 mm	
	Weight	1.3kg (2.87lbs)	
	OS Support (Optional)	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	0.5G	
	Shock	10G peak acceleration (11 msec. duration)	
	Certification	CE, FCC	
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 25W Max. 34W	
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	

Dimensions

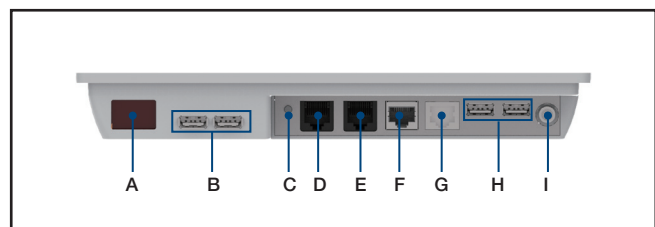
Unit: mm



Preliminary Ordering Information

Part No.	Description
UTC-210GP-AT02E	10.1" Pcap, N3350, 2G RAM, Openframe
UTC-210GP-AT01E	10.1" Pcap, N4200, 2G RAM, Openframe
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)

Fully- Integrated I/O



- A. Barcode Reader (Optional)
- B. USB 3.0 x 2 (Optional)
- C. POWER BUTTON
- D. COM W/RS-232
- E. COM W/RS-232/422/485
- F. LAN Port
- G. LAN/PoE Port
- H. USB 3.0 x 2
- I. DC Power Jack

Peripherals for UTC-210 series

Tentative Part No.	Description
UTC-200P-C70E	5M Camera Module, Black, for UTC-207/UTC-210 series
UTC-200P-R70E	RFID Reader, Black, for UTC-207/UTC-210 series
UTC-200P-L70E	LED Light Bar, for UTC-207/UTC-210 series
UTC-200P-U70E	USB3.0x2, Black, for UTC-210
UTC-200P-P70E	PoE+kit, Black, for UTC-210
UTC-200P-W70E	M.2 wifi, 802.11 a/b/g/n/ac, 2T2R, BT4.2, A-E key, for UTC-210
UTC-200P-S70E	SPEAKER 2W, L180mm 29.5 x 14 x 9 mm, for UTC-207/UTC-210 series
UTC-200P-B71E	Rear cover for UTC-210

* UTC-210 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.