

UTC-620x

21.5" Retail Touch Computer UTC-620C with Intel Core™ i7 (Ivy Bridge) UTC-620D with Intel Celeron® (Bay Trail) UTC-620E with Intel Core™ i5 (Haswell)

Preliminary



Features

- Low Power and Fanless
- Build-in Intel Core™ i7 Ivy Bridge (UTC-620C)
- Build-in Intel Celeron® Bay Trial (UTC-620D)
- Build-in Intel Core™ i5 Haswell (UTC-620E)
- Providing Natural Viewing Experience with 16:9 21.5 Display
- All in one aluminum extrusion design
- Portrait screen mode with all contact peripheral all-in-one
- VESA 100 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications



Introduction

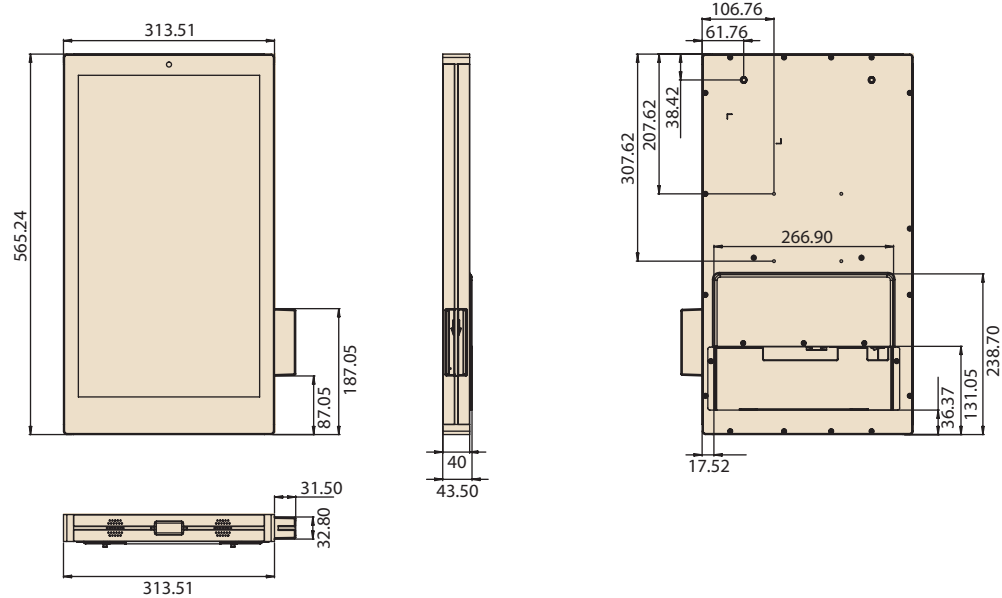
UTC-620x features an all-in-one contact peripheral system equipped with Portrait format, touch based LCD panel. It is equipped build-in camera, MSR, NFC(RFID), barcode scanner, and configurable function key for best Retail self-service and interactive signage deploy in different application areas. The 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 Core™ i7 3517UE 1.7 GHz (UTC-620C)	Intel Celeron® J1900 2.0 GHz (UTC-620D)	Intel Core™ i5 4300U 1.7 GHz (UTC-620E)
	Chipset	Intel QM77	N/A	N/A
	L2 Cache	1 MB (L3, 4MB)	2MB	(L3, 3MB)
	Memory	1 x SO-DIMM DDR3 1600MHz up to 8GB	1 x SO-DIMM DDR3L 1600MHz up to 8GB	1 x SO-DIMM DDR3L 1600MHz up to 8GB
	HDD	1 x 2.5 internal SATA HDD bay		
	Network (LAN)	2 x Gigabit Ethernet ports		
	I/O Ports	2 x RS-232 COM (RS-422/485)* 2 x USB 2.0, 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1 /Mic in x 1	2 x RS-232 COM (RS-422/485)* 2 x USB 2.0, 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1 /Mic in x 1	2 x RS-232 COM (RS-422/485)* 2 x USB 2.0, 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1 /Mic in x 1
	Stereo Speaker	2 W x 2		
	Bus expansion	Full-size MiniPCIe/mSATA		
	Build-in Peripheral	5MP Camera, MSR, 2D Barcode scanner, NFC(RFID)		
Function Key	5 programmable touch soft-key			
Dimensions (W x H x D)	344.71 (w/ MSR) x 565.24 x 43.5 (mm)			
Weight	8 kg (17.6 lb)			
OS Support	Embedded Windows 7 Embedded Windows 8 Embedded Linux 3.0			
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)		
	Relative Humidity	10 ~ 95% @ 40° C non-condensing		
	Vibration	0.5G		
	Shock	10 G peak acceleration (11 msec. duration)		
	EMC	CE, FCC, UL, CCC, BSMI		
Power	Input Rating	12 V/7 A (84W ITE Adapter)		
	Power consumption	Typical 55W Max. 75W		
LCD Display	Size/Type	21.5" TFT LCD with LED backlight		
	Max. Resolution	1920 x 1080		
	Max. Color	16.7 M		
	Pixel Pitch (mm)	248.25 (H) x 248.25 (V)		
	Brightness (cd/m²)	250 (Optional 400)		
View Angle	178°/178°			
	Type	Projected Capacitive Touch Panel (Pcap. Flat Glass)	Analog Resistive 5-wires (Res. Flat Glass)*	
Touch Screen Option	Light Transmission	90% ± 2%	80% ± 5%	
	Controller	USB Interface		

Dimensions

Unit: mm (inch)



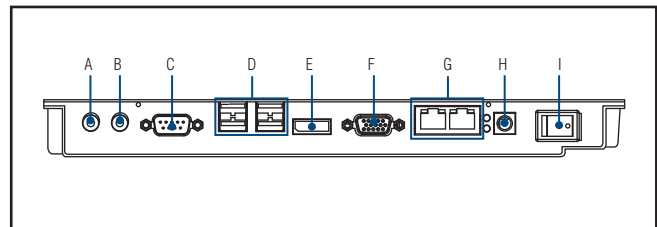
Ordering Information

Part No.	Description
UTC-620CP-SS0E	21.5" Intel Core i7 fanless PCT.T/S, 4GB RAM, with peripheral 5MP Camera, RFID, 2D Barcode, MSR, Function-Key loaded
UTC-620DP-SS0E	21.5" Intel Celeron fanless PCT.T/S, 4GB RAM, with peripheral 5MP Camera, RFID, 2D Barcode, MSR, Function-Key loaded
UTC-620EP-SS0E	21.5" Intel Core i5 fanless PCT.T/S, 4GB RAM, with peripheral 5MP Camera, RFID, 2D Barcode, MSR, Function-Key loaded
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596	Power Cord (China) CCC, 10A 250V, 3P 1830mm

Installation Accessory

Part No.	Description
UTC-WALL-MOUNT1E	Wall Mount kit for UTC-520/515
UTC-R01-STANDE	Triangle Feet Stand
UTC-K01-STANDE	Cross Feet Stand
UTC-K02-STANDE	H-shaped Feet Stand

Fully-Integrated I/O



- A. Mic-in (Option)
- B. Line-out
- C. COM1
- D. USB 2.0 x 2, 3.0 x 2
- E. HDMI
- F. VGA
- G. LAN Ports x 2
- H. DC Input
- I. Power switch