

UTC-620

21.5" Retail Touch Computer UTC-620D with Intel® Bay Trail J1900 UTC-620E with Intel® Haswell i5-4300U

Preliminary



Features

- Low Power and Fanless Design
- Built-in Intel® Bay Trail J1900 (UTC-620D)
- Built-in Intel® Haswell i5-4300U (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

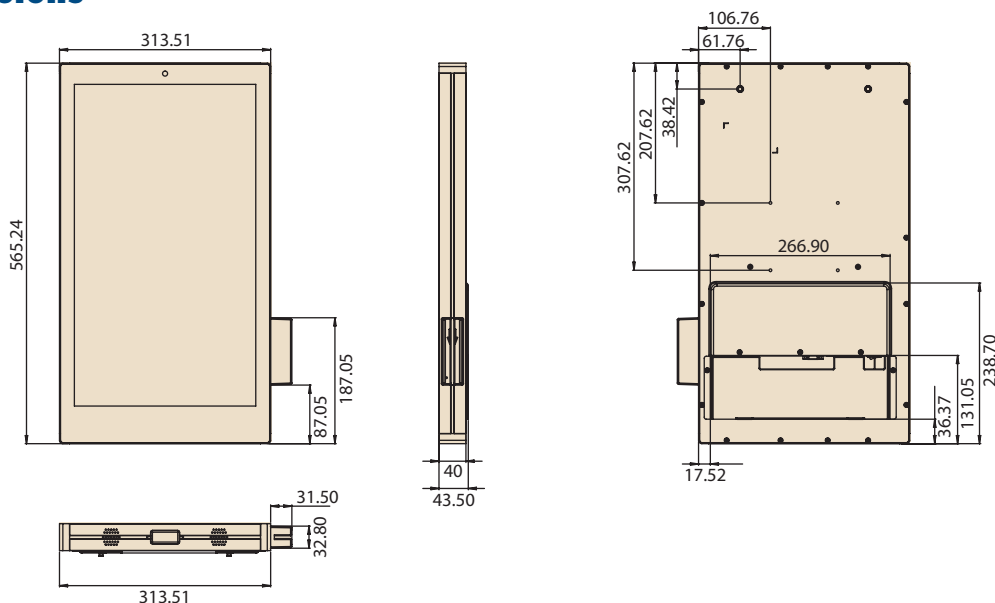
UTC-620 features an all-in-one contact peripheral system equipped with Portrait format, touch based LCD panel. It is equipped build-in camera, MSR, NFC(RFID), barcode scanner, and configurable function key for best Retail self-service and interactive signage deploy in different application areas. The 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® Celeron® J1900 (UTC-620D)	Intel® Core™ i5-4300U (UTC-620E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)*
	Base Frequency	2 GHz (Quad-Core)	1.9 GHz (Dual-Core)
	Cache	2 MB	3 MB
	Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8GB	1 x SO-DIMM DDR3L 1333/1600 MHz up to 8GB
	HDD	Built-in 500GB HDD	
	Network	2 x Gigabit Ethernet ports, Wireless 802.11 abgn module	
	I/O Ports	1 x RS-232 COM (RS-422/485)* 3 x USB 2.0, 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI/DP Audio Line-out x 1	1 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/DP Audio Line-out x 1
	Stereo Speaker	2 W x 2	
	Bus expansion	Full-size MiniPCIe/mSATA	
	Build-in Peripheral	5 MP 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	Windows Embedded 7 Windows Embedded 8 Linux Ubuntu 14.04		
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)	
	Relative Humidity	10 ~ 95% @ 40° C non-condensing	
	Vibration	0.5G	
	Shock	5G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, UL, CB, 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/m ²)	250 (Optional 400)	
Touch Screen Option	Type	Projected Capacitive Touch Panel (Pcap. Flat Glass)	
	Light Transmission	90% ± 2%	
	Controller	USB Interface	

Dimensions

Unit: mm (inch)



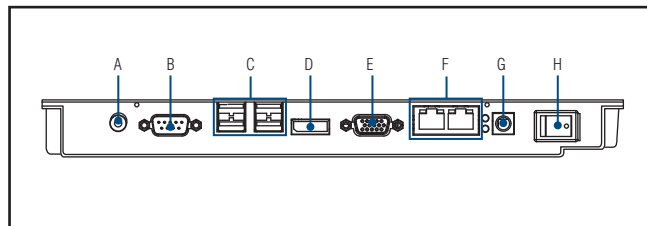
Ordering Information

Part No.	Description
UTC-620D-PE	21.5" Intel® Celeron® fanless PCT.T/S, 4GB RAM, 500 GB HDD, with peripheral Wireless 802.11 abgn module, 5MP Camera, RFID, 2D Barcode, MSR, Function-Key loaded
UTC-620E-PE	21.5" Intel® Core™ i5 fanless PCT.T/S, 4GB RAM, 500 GB HDD, with peripheral Wireless 802.11 abgn module, 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
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG

Installation Accessory

Part No.	Description
UTK-500F-A0E	Floor stand with SNBC BTP-U81 thermal printer (for China only)
UTK-500S-A0E	Floor stand without thermal printer
UTK-500G-A0E	Floor stand with thermal printer bracket
UTC-520-STAND1E	Desktop stand for UTC-515/520
UTC-H01-STANDE	H-shaped floor stand
UTC-T01-STANDE	Triangle shape floor stand
UTC-WALL-MOUNT1E	Wall Mount kit for UTC-515/520
UTC-WALL-MOUNT3E	Wall Mount kit for UTC-515/520

Fully-Integrated I/O



- A. Line-out
- B. COM1
- C. USB 2.0 x 2, USB 3.0 x 2
(USB 3.0 x 1 for UTC-620D)
- D. HDMI/DP
- E. VGA
- F. LAN Ports x 2
- G. DC Input
- H. Power switch