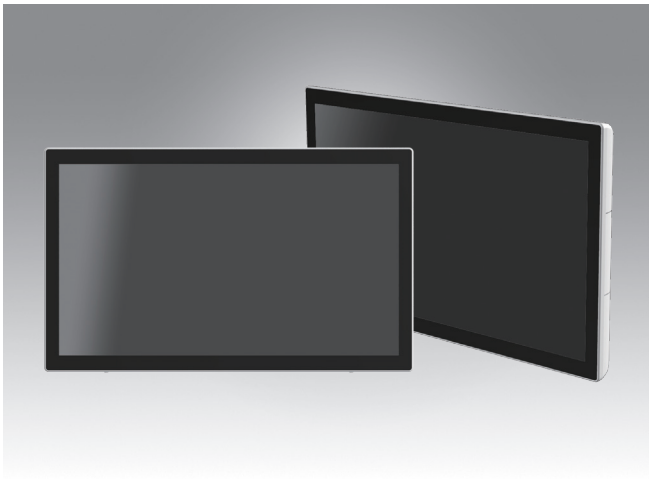
UTC-320

21.5" Ubiquitous Touch Computer
UTC-320D with Intel® Celeron® J1900
UTC-320E with Intel® Core™ i5-4300U
UTC-320F with Intel® Core™ i5-6300U
UTC-320G with Intel® Pentium® N4200(default)/ Intel® Celeron® N3350



Features

- Low power and fanless system design
- Built in Intel Celeron® J1900 (UTC-320D), Core™ i5-4300U (UTC-320E), Core™ i5-6300U (UTC-320F) and Pentium® N4200 (default)/Celeron® N3350 (UTC-320G)
- 21.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Supports both landscape and portrait screen orientations
- VESA 100 mm standard mounting holes for varied mounting demands
- Detachable frame design for panel mount applications

Introduction

UTC-320 is the multi-purpose all-in-one computing system which 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. With the removable frame , the system also could fulfill industries or control system applications with panel mounting design. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

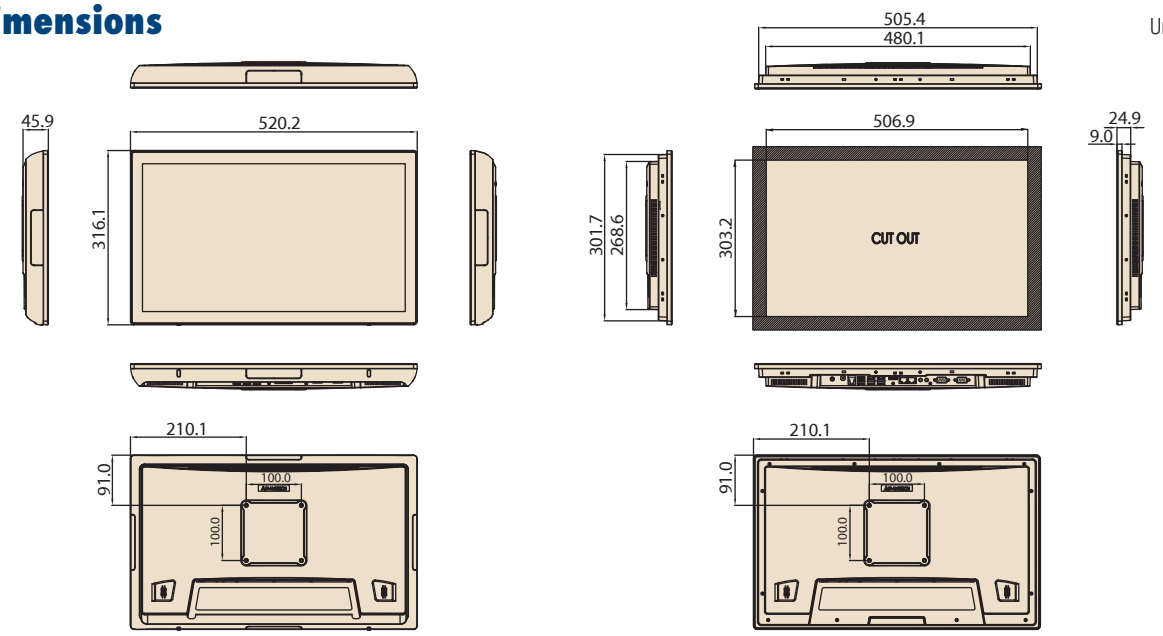
Specifications

Processor System	CPU	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Pentium® N4200(default) Intel® Celeron® N3350
	Basic Frequency	2.0 GHz (Quad-Core)	1.9GHz (Duo Core)	2.4GHz (Duo Core)	1.10 GHz (Quad-Core)
	Cache	L2 Cache MB	L3 Cache 3MB		L2 Cache 2MB
	Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB		1 x SO-DIMM DDR4 2133 MHz up to 16 GB	1 x SO-DIMM DDR3L 1866 MHz up to 8GB
	HDD	1 x 2.5 internal SATA HDD bay			
	Network	2 x Gigabit Ethernet ports (RJ-45)			
	I/O ports	1 x RS-232 1 x RS-232 / 422 / 485 5 x USB 2.0 / 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI Audio Line-out x 1, Mic-in x 1	1 x RS-232 (optional CSAFE) 1 x RS-232/422/485 2 x USB 2.0 / 4 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI 1 x RJ-11 Audio Line-out x 1, Mic-in x 1	1 x RS-232 1 x RS-232/422/485 2 x USB 2.0 / 4 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI 1 x RJ-11 Audio Line-out x 1, Mic-in x 1	1 x RS-232 1 x RS232 / 422 /485 2 x USB 2.0 / 4 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI 1 x RJ11 Audio Line-out x 1, Mic-in x 1
	Stereo Speaker	1W x 2			
	BUS expansion	Full-size MiniPCIe/mSATA			M.2 2230/mSATA
	Mounting	VESA 100 x 100			
	Dimension(WxHxD)	505 x 316 x 45.9 mm			
	Weight	5.8 kg			
OS support		WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WE8S 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise 64bit Linux Ubuntu 16.04 Android 4.4	WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WE8S 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise 64bit Linux Ubuntu 16.04		Win 10 IoT Enterprise 64bit Android 6.0 Linux Ubuntu 18.04
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/ Safety	CE, FCC, UL, CCC CB,BSMI			
	Front Panel Protection	IP65/ NEMA4 Compliant			
Power Supply	Input Rating	12 V/7 A (84W ITE Adapter) *12-30V Optional	12-30V/7A (84W ITE Adapter)		12 V/7 A (84W ITE Adapter) *12-30V Optional
	Power consumption	Typical: 45W Max: 80W			
LCD Display	Size	21.5" TFT LCD			
	Max Resolution	1920 x 1080			
	Max Color	16.7M			
	Pixel Pitch (um)	248.25 (H) x 248.25 (V)			
	Brightness (cd/m²)	250 (Typical)			
	View Angle	178°/178°			
Touch Screen	Type	Analog Resistive 5-wires (Res. Flat Glass) / Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel			
	Light Transmission	90% ± 2% / 80% ± 5% / 90%			
	Controller	COM interface / USB interface			

All product specifications are subject to change without notice, * identify as optional function

Dimensions

Unit: mm



Ordering Information

Part No.	Description
UTC-320DR-ATW0E	21.5" White, Intel® Celeron® J1900, Res T/S, 4 GB RAM, IT Adapter
UTC-320DR-ATB0E	21.5" Black, Intel® Celeron® J1900, Res T/S, 4 GB RAM, IT Adapter
UTC-320DP-ATW0E	21.5" White, Intel® Celeron® J1900, PCap T/S. 4 GB RAM, IT Adapter
UTC-320DP-ATB0E	21.5" Black, Intel® Celeron® J1900, PCap T/S. 4 GB RAM, IT Adapter
UTC-320ER-ATW0E	21.5" White, Intel® Core™ i5-4300U, Res T/S 4GB RAM, IT Adapter
UTC-320ER-ATB0E	21.5" Black, Intel® Core™ i5-4300U, Res T/S 4GB RAM, IT Adapter
UTC-320EP-ATW0E	21.5" White, Intel® Core™ i5-4300U, PCap T/S 4GB RAM, IT Adapter
UTC-320EP-ATB0E	21.5" Black, Intel® Core™ i5-4300U, PCap T/S 4GB RAM, IT Adapter
UTC-320FR-ATW0E	21.5" White, Intel® Core™ i5-6300U, Res T/S 4GB RAM, IT Adapter
UTC-320FR-ATB0E	21.5" Black, Intel® Core™ i5-6300U, Res T/S 4GB RAM, IT Adapter
UTC-320FP-ATW0E	21.5" White, Intel® Core™ i5-6300U, PCap T/S 4GB RAM, IT Adapter
UTC-320FP-ATB0E	21.5" Black, Intel® Core™ i5-6300U, PCap T/S 4GB RAM,IT Adapter
UTC-320GR-ATW0E	21.5" White, Intel® Pentium® N4200, Res T/S, 4 GB RAM, IT Adapter
UTC-320GR-ATB0E	21.5" Black, Intel® Pentium® N4200, Res T/S, 4 GB RAM, IT Adapter
UTC-320GP-ATW0E	21.5" White, Intel® Pentium® N4200, PCap T/S, 4 GB RAM, IT Adapter
UTC-320GP-ATB0E	21.5" Black, Intel® Pentium® N4200, PCap T/S, 4 GB RAM, IT Adapter

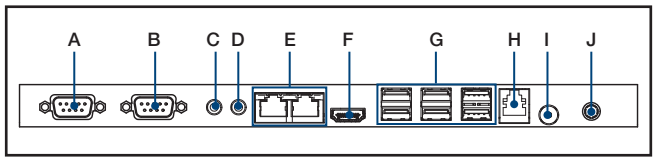
UTC-320 WiFi Ordering Information

Part No.	Description
UTC-300P-W10E	WiFi Antenna x 2 pcs WiFi Module x 1 pc Screws for module x 2pcs (MiniPCIe, WiFi only)
UTC-300P-W11E	WiFi Antenna x 2 pcs WiFi Module x 1 pc Screws for module x 2pcs Half_Minipcie bracket x 1pc (MiniPCIe, WiFi and Bluetooth)

Installation Accessory

Part No.	Description
UTC-300P-D20E	Desk Stand, Single Color-Silver (UTC-318/UTC-320 series)
UTC-WALL-MOUNT1E	Wall Mount Kit (UTC-315/UTC-318/UTC-320 series)
UTC-WALL-MOUNT3E	Wall Mount Kit (UTC-315/UTC-318/UTC-320 series)
UTC-T01-STANDE	Triangle shape floor stand (UTC-315/UTC-318/UTC-320 series)
UTC-H01-STANDE	H-shaped floor stand (UTC-315/UTC-318/UTC-320 series)

Fully- Integrated I/O



A. COM1
B. COM2
C. Line-out
D. Mic in
E. LAN ports x 2
F. HDMI
G. USB 2.0 x 5 / USB 3.0 x 1 (UTC-320D)
USB 2.0 x 2 / USB 3.0 x 4 (UTC-320E/UTC-320F/UTC-320G)
H. RJ-11 (UTC-320E/UTC-320F/UTC-320G)
I. Power button
J. DC input 12V (UTC-320D/UTC-320G)
12-30V (UTC-320E/UTC-320F)

Peripherals for UTC-300 series

Part No.	Description
UTC-300P-C20E	5M Camera Module, White, for UTC-300 series
UTC-300P-C21E	5M Camera Module, Black, for UTC-300 series
UTC-300P-M20E	Magnet Strip Reader, White, for UTC-300 series
UTC-300P-M21E	Magnet Strip Reader, Black, for UTC-300 series
UTC-300P-R20E	RFID Reader, White, for UTC-300 series
UTC-300P-R21E	RFID Reader, Black, for UTC-300 series
UTC-300P-S20E	Smart Card Reader, White, for UTC-300 series
UTC-300P-S21E	Smart Card Reader, Black, for UTC-300 series
UTC-300P-B60E	2D Barcode Reader, White for UTC-300 series
UTC-300P-B61E	2D Barcode Reader, Black for UTC-300 series
UTC-300P-FP11E	Fingerprint Reader (black) for UTC-300 series

Power Cord Ordering Information

Part NO.	Description
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596-11	Power Cord (China) CCC,10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.

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Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

Uhlířská 1064/3, 710 00 Ostrava, Česká republika

obchod@autocont-ipc.cz +420 552 301 002 www.autocont-ipc.cz

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