

Advantech UTC-300 Series

Stylish, Lightweight, and Stable

Multi-Functional All-in-One Touch computer

- ✓ Factory HMI Terminals
- ✓ Self-Service Kiosks
- ✓ Equipment Control Terminals
- ✓ Retail Interactive Signage
- ✓ Wayfinding Kiosks
- ✓ MES System Terminals



Lightweight

ADVANTECH

Enabling an Intelligent Planet



www.advantech.com

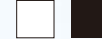
Lightweight Design and Powerful Performance



OS Support



Color Options



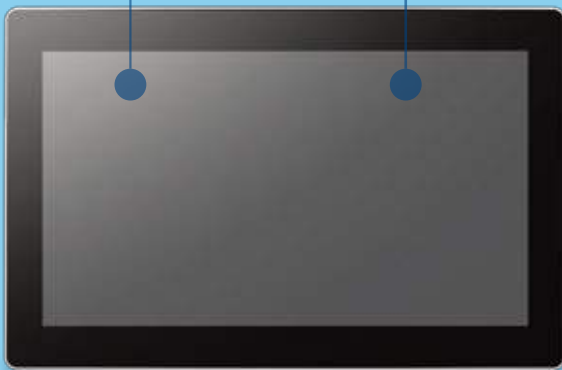
► Rugged and Durable Touchscreen



True-flat Touchscreen



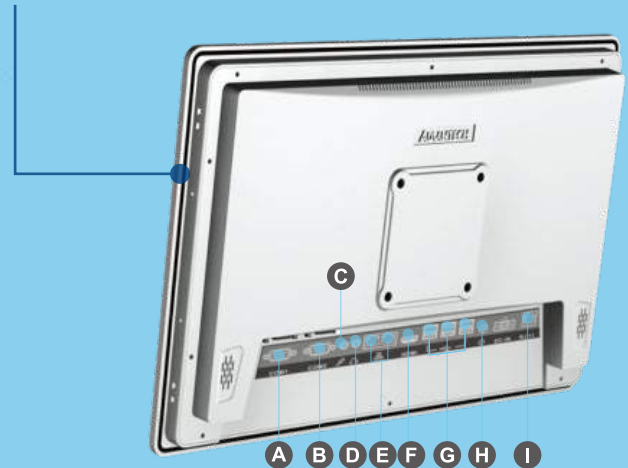
IP65-rated Front Panel



- Built-in Intel® Celeron® J1900/Core™ i5 processor
- 11.6/15.6/18.5/21.5" monitor with 16:9 widescreen display
- Fanless and low-power system
- 1920 x 1080 Full HD resolution(UTC-320)
- IP65-rated front panel
- Wide input voltage range (12-30V) with Core™ i5 processor
- Standard VESA mount holes (75/100 mm)
- Support Advantech WISE-PaaS/RMM

► Rich I/O Ports

Recessed cable routing under the frame cover



► Detachable Frame Design



Peripherals Notch

(With Frame)

7mm



(Without Frame)

- | | | |
|-------------------|------------------------|---|
| A Cam1 | D Mic in | G USB 2.0 x 5 / USB 3.0 x 1 (UTC-320)
USB 2.0 x 2 / USB 3.0 x 4 (UTC-320) |
| B Cam2 | E LAN ports x 2 | H Power Button |
| C Line-out | F HDMI | I DC input 12V (UTC-3xxD)
12-30V (UTC-3xxE) |

High Expandability with Rich Peripheral Integration Support



Peripherals

UTC-300P-C

5M Camera Module



- ▶ Interface: USB
- ▶ Image Resolution: 2592 (H) x 1944 (V)
- ▶ Video Format: MJPG
- ▶ Focusing Range: 10 cm~ ∞; Supports auto focus

Color: ■ Black / □ White

UTC-300P-M

Magnetic Stripe Card Reader



- ▶ Interface: USB
- ▶ Card standard: ANSI/ISO Standards
- ▶ Read speed: 3 to 60 ips
- ▶ Head life: 1,000,000 times

Color: ■ Black / □ White

UTC-300P-R

NFC/RFID Module



- ▶ Interface: USB
- ▶ Frequency: 13.56 MHz
- ▶ RFID R/W mode: ISO15693, ISO4443A/B, Felica, Mifare Ultralight
- ▶ NFC: NFCIP-1 (ISO 18092), NFCIP-2 (ISO/IEC 21481)

Color: ■ Black / □ White

UTC-300P-S

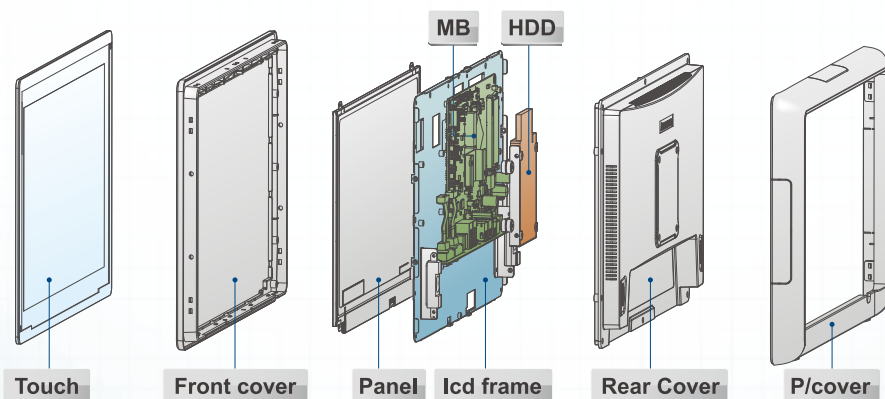
Smart Card Reader Module



- ▶ Interface: USB
- ▶ Card Acceptor: Friction type (ID-1), 200,000 cycles
- ▶ Comply with PC/SC 1.0 standard and EMV L1
- ▶ Dual color LED indicator

Color: ■ Black / □ White

Product Detail



Slim, Rugged and Fanless Design for Diverse Applications



Retail

- ▶ Member Self-service Kiosks
- ▶ Interactive Product Information Terminals
- ▶ Self-Checkout Kiosks
- ▶ O2O Terminals



Public Services

- ▶ Self-Service Counters
- ▶ Wayfinding Kiosks
- ▶ Customer Survey Terminals
- ▶ Ticketing Kiosks



Hospitality

- ▶ Interactive Event Signage
- ▶ Service Rating Terminals
- ▶ eMenu Boards/Self-Order Kiosks
- ▶ Intelligent Queuing/Calling Kiosks



Laboratory/Outpatient Services

- ▶ Vital Sign Measurement Self-Service Kiosks
- ▶ Mobile Nursing Carts
- ▶ Intelligent Clinic Check-In System
- ▶ AIO Tabletop PCs



Facility

- ▶ Equipment Control Terminals
- ▶ Meeting Room Management Devices
- ▶ Access Control Terminals



Industrial Applications

- ▶ Industrial Signage
- ▶ MES System Terminals
- ▶ Mobile Workstations

UTC-300 Series

Specifications



Product		UTC-312		UTC-315	
Description		11.6" Ubiquitous Touch Computer		15.6" Ubiquitous Touch Computer	
Model Name		UTC-312B	UTC-312D	UTC-315D	UTC-315E
Processor System	CPU	Intel® Atom™ D510	Intel® Celeron® J1900	Intel® Celeron® J1900	Intel® Core™ i5-4300U
	Cache Memory	1MB	2MB	2MB	3MB
	System Memory	up to 2 GB	1 x SO-DIMM DDR3L-1333 up to 8 GB	1 x SO-DIMM DDR3L-1333 up to 8 GB	
	HDD	CF or SATA HDD interface	1 x 2.5" SATA SSD or mSATA	1 x 2.5 internal SATA HDD bay	
Display	Size	11.6" TFT LCD		15.6" TFT LCD	
	Max. Resolution	1366 x 768		1366 x 768	
Touchscreen	Type	-		Projected Capacitive	
		Analog Resistive 5-wires	Analog Resistive 5-wires	Analog Resistive 5-wires	
		-		-	
I/O	USB	3 x USB 2.0	2 x USB 2.0 / 1 x USB 3.0	5 x USB 2.0 , 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0
	COM	1 x RS-232 COM		1 x RS-232 COM , 1 x RS-232 / 422 / 485	
	HDMI	-		1	
	Bus Expansion	2 x Mini PCIe(1x Full Size, 1x Half Size)		1 x Full-size MiniPCIe/mSATA	
Network	LAN	1 x Gigabit Ethernet(RJ-45)	1 x Gigabit Ethernet (RJ-45), PoE(optional)	2 x Gigabit Ethernet (RJ-45)	
oS Support		WES7, Win7, Linux (Fedora 13, Ubuntu)	Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux, Android 4.4	



Product		UTC-318		UTC-320	
Description		18.5" Ubiquitous Touch Computer		21.5" Ubiquitous Touch Computer	
Model Name		UTC-318D	UTC-318E	UTC-320D	UTC-320E
Processor System	CPU	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Celeron® J1900	Intel® Core™ i5-4300U
	Cache Memory	2MB	3MB	2MB	3MB
	System Memory	1 x SO-DIMM DDR3L-1333 up to 8 GB		1 x SO-DIMM DDR3L-1333 up to 8 GB	
	HDD	1 x 2.5 internal SATA HDD bay		1 x 2.5 internal SATA HDD bay	
Display	Size	18.5" TFT LCD		21.5" TFT LCD	
	Max. Resolution	1366 x 768		1920 x 1080	
Touchscreen	Type	Projected Capacitive		Projected Capacitive	
		Analog Resistive 5-wires		Analog Resistive 5-wires	
		-		Glass Panel	
I/O	USB	5 x USB 2.0 , 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0	5 x USB 2.0 , 1 x USB 3.0	2 x USB 2.0 / 4 x USB 3.0
	COM	1 x RS-232 COM , 1 x RS-232 / 422 / 485		1 x RS-232 COM , 1 x RS-232 / 422 / 485	
	HDMI	1		1	
	Bus Expansion	1 x Full-size MiniPCIe/mSATA		1 x Full-size MiniPCIe/mSATA	
Network	LAN	2 x Gigabit Ethernet (RJ-45)		2 x Gigabit Ethernet (RJ-45)	
oS Support		Windows 10 IoT, WES7/8, Linux, Android 4.4		Windows 10 IoT, WES7/8, Linux, Android 4.4	

Solid, Steady, and Secure



Industrial-grade products at competitive cost



ISO-certified products



Global logistics and customer services with local support



Product longevity up to 3-5 years, and superior warranty service options



Leadership & Partnership

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Mexico City 52-55-6275-2727

Learn More About Advantech
UTC Series Touch Computers

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