

**ADVANTECH** **iRetail**

# UTC-500 Series

Slim, Strong, and Stable  
Multi-Functional  
All-in-One Touch Computer



[www.advantech.com](http://www.advantech.com)

# Smart AIO Solutions for Engaging and Connecting with Customers



With the emergence of the IoT and advanced communication technology, retail and hospitality business operators are adopting more and more value-added service applications, such as interactive digital signage and self-service kiosks, to improve customer experiences and operational efficiency. Featuring Advantech's latest industrial-grade computing solutions in a stylish and compact design, the UTC-500 series products offer the ideal all-in-one system for supporting diverse applications in the retail and hospitality markets. Advantech's all-in-one touch computers are specifically engineered for maximum uptime and reliability. Using Advantech's UTC-500 series, the creation of diverse intelligent solutions that boost customer interest and engagement has never been easier.

## 10-42" AIO PCs with a Compact and Slim Design

The compact, slim design and wide range of screen sizes offer enhanced installation flexibility, while the stunning 16:9 LCD display complements the sleek and stylish appearance.



## Excellent Performance with Low Power Consumption

Powered by an Intel® CPU for high-performance computing, the UTC-500 fanless system offers quiet and power-efficient operation.



# UTC-500 Series of Rugged and Stylish All-in-One Touch Computers

## Rugged and Durable Touchscreen

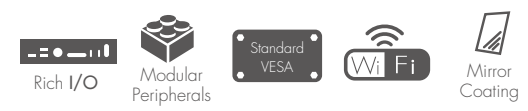
The IP65-rated front panel and antimicrobial glass\* touchscreen provide a hygienic and durable front surface.

\* The antimicrobial glass touchscreen is only available with UTC-515 and UTC-520 PCAP.



## Comprehensive Support for Diverse Applications

Multiple OS support, rich I/O ports, and diverse peripheral options extend the system functionalities for a wide range of applications. UTC-542 also supports mirror coating for smart mirror applications.



OS Support



# UTC-500 Series

Designed for  
a Wide Range of  
Applications

## ENGAGE, CONNECT, AND DELIGHT YOUR RETAIL SHOPPERS

Advantech's UTC-500 series AIO computers can be installed in diverse retail spaces to attract customers, streamline the shopping experience, and improve customer satisfaction.



### Shopping Malls

Wayfinding Kiosks/Interactive Signage/Member Self-Service Kiosks

- Removable frame design for easy integration with customized kiosks
- Industrial-grade fanless system for reliable operation in semi-outdoor environments
- IP65-rated front panel for water and dust proof surface

### Retail Stores

Product Advertising/Smart Mirrors/Endless Aisles/Service Feedback Systems

- Rich peripherals to support a wide range of applications
- Full HD and 16:9 widescreen for stunning digital content display
- Diverse installation options for space optimization

### Supermarkets

Self-Service Checkouts/Digital Shelves/Price and Inventory Checking

- Superior computing performance to ensure smooth operation during peak times
- Touchscreen with 9H surface hardness for superior durability
- Barcode and RFID readers to support price & inventory checking services

# PREMIUM, MODERN SELF-SERVICE TERMINALS FOR YOUR GUESTS

Advantech's UTC-500 series AIO computers enable hospitality and financial and public service businesses to engage customers, offer VIP services, improve operational efficiency, and provide elegant yet modern facilities.



## Restaurants

eMenu Boards/Self-Order Services/Cloud Queuing Services/Service Feedback Systems

- Excellent computing performance and user-friendly interface to enhance customer experiences
- Water and dust proof surface for easy maintenance
- Diverse floor and table stands to ensure flexible installation

## Banks/Transportation Hubs

VIP Visit Management/Customer Self-Service/Digital Signage/Service Feedback Systems

- Multi-touch screen for convenient and efficient operation
- Wide range of screen sizes to support applications in various spaces
- Rich I/O to support diverse banking and public service applications

## Hotels/Meeting Rooms

Guest Self-Service Kiosks/Interactive Event Signage/Meeting Room Management

- Excellent performance and multiple OS support to create unique services
- Fanless system for quiet operation and low power consumption
- Stylish design and true-flat touchscreen to compliment hospitality environments

# UTC-500 Series | Product Portfolio



## UTC-510

- 10.1" monitor with 16:10 widescreen display
- Intel® Atom™ E3825/Celeron® J1900,N2807 processor
- Fanless and low-power system
- IP65-rated front panel
- Removable frame
- Optional PoE support
- Customizable frame color



## UTC-515/ 520/ 532

- 15.6/21.5/32" monitor with 16:9 widescreen display
- AMD® G-Series T40E/Intel® Atom™ D2550/Core™ i3, i5, i7/Celeron® J1900 processor
- Fanless and low-power system
- IP65-rated front panel
- Support both landscape and portrait orientation
- Side groove design for flexible peripheral installation



## UTC-542

- 42.6" monitor with 16:9 widescreen display
- Intel® Core™ i5-6300U processor
- Fanless and low-power system
- IP65-rated front panel
- Support both landscape and portrait orientation
- Rich I/O and peripherals for diverse applications
- Support mirror coating (Mirror Glass/ Mirror Pcap)
- Swappable dual HDD/SSD slots

## Optional Peripherals



5M Camera



MSR



NFC/RFID Reader



Smart Card Reader



1D/2D Barcode Reader



iBeacon

## Stand and Wall Mount Kits



UTC-WALL-MOUNT1E



UTC-WALL-MOUNT2E



UTC-WALL-MOUNT3E



UTC-WALL-MOUNT4E



Triangular Floor Stand



H-Shape Floor Stand



Table Stand

# UTC-500 Series | Product Selection Guide



Product		UTC-510		UTC-515			UTC-520			UTC -532			UTC-542		
Description		10.1" Ubiquitous Touch Computer		15.6" Ubiquitous Touch Computer			21.5" Ubiquitous Touch Computer			32" Ubiquitous Touch Computer			42.6" Ubiquitous Touch Computer		
Model Name		UTC-510D	UTC-510D(PoE)	UTC-515D	UTC-515E	UTC-515F	UTC-520D	UTC-520E	UTC-520F	UTC-532C	UTC-532D	UTC-532E	UTC-542D	UTC-542F	
System	CPU	Intel® Atom™ E3825/Celeron® J1900	Intel® Celeron® N2807/J1900	Intel® Celeron® J1900	Intel® Core™ i5-4300U 1.9 GHz	Intel® Core™ i3-6100U	Intel® Celeron® J1900	Intel® Core™ i5-4300U 1.9 GHz	Intel® Core™ i5-6300U	Intel® Core™ i7-3517UE 1.7 GHz	Intel® Celeron® J1900	Intel® Core™ i5-4300U 1.9 GHz	Intel® Celeron® J1900	Intel® Core™ i5-6300U	
	Cache Memory	1 MB/2 MB		2 MB	3 MB	3 MB	2 MB	3 MB	3 MB	4 MB	2 MB	3 MB	2MB	3MB	
	System Memory	1 x SO-DIMM DDR3L 1333/1066 MHz up to 8 GB		1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB	2 x SO-DIMM DDR3L 1600MHz up to 16 GB	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB	2 x SO-DIMM DDR3L 1600MHz up to 16 GB	1 x SO-DIMM DDR3/DDR3L 1333/1600 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	2 x SO-DIMM DDR3L 1600MHz up to 16G	
	HDD	1 x 2.5 internal SATA HDD bay		1 x 2.5 internal SATA HDD bay			1 x 2.5 internal SATA HDD bay			1 x 2.5 internal SATA HDD bay			Dual swappable 2.5" HDD/SSD slot		
Display	Size	10.1" TFT LCD		15.6" TFT LCD			21.5" TFT LCD			32" TFT LCD			42.6" TFT LCD		
	Max. Resolution	1280 x 800		1366 x 768 (1920 x 1080 Available)			1920 x 1080			1920 x 1080			1920 x 1080		
Touch-screen	Type	Projected capacitive		Projected capacitive			Projected capacitive			Projected capacitive			Projected capacitive		
		-		Analog 5-wire resistive			Analog 5-wire resistive			-			-		
		Glass panel (w/o touch function)		Glass panel (w/o touch function)			Glass panel (w/o touch function)			Glass panel (w/o touch function)			Glass panel (w/o touch function)		
I/O	USB	1 x USB 2.0 1 x USB 3.0	3 x USB 2.0 1 x USB 3.0	3 x USB 2.0 1 x USB 3.0	2 x USB 2.0 2 x USB 3.0	2 x USB 2.0 2 x USB 3.0	3 x USB 2.0 1 x USB 3.0	2 x USB 2.0 2 x USB 3.0	2 x USB 2.0 2 x USB 3.0	2 x USB 2.0 2 x USB 3.0	3 x USB 2.0 1 x USB 3.0	2 x USB 2.0 2 x USB 3.0	3 x USB 2.0 1 x USB 3.0	2 x USB 2.0 2 x USB 3.0	
	COM	2 x RS-232		2 x RS-232			2 x RS-232			2 x RS-232			2 x RS-232		
	HDMI/VGA	1 x VGA	1 x HDMI	1 x HDMI , 1 x VGA			1 x HDMI , 1 x VGA			1 x HDMI , 1 x VGA			1 x HDMI , 1 x VGA		
	Bus Expansion	2 Half-size Mini PCIe/mSATA	1 Full-size, 1 Half-size Mini PCIe/mSATA	1 x Full-size MiniPCIe/mSATA			1 x Full-size MiniPCIe/mSATA			1 x Full-size MiniPCIe/mSATA			1 x Full-size MiniPCIe/mSATA		
Network	LAN	1 x Gigabit Ethernet (RJ-45)	2 x Gigabit Ethernet (RJ-45)	2 x Gigabit Ethernet (RJ-45)			2 x Gigabit Ethernet (RJ-45)			2 x Gigabit Ethernet (RJ-45)			2 x Gigabit Ethernet (RJ-45)		
OS Support		Windows Embedded 7, Windows Embedded 8, Windows 10, Linux Ubuntu 14.04, Android 4.4		Windows Embedded 7, Windows Embedded 8, Windows 10, Linux Ubuntu 14.04, Android 4.4			Windows Embedded 7, Windows Embedded 8, Windows 10, Linux Ubuntu 14.04, Android 4.4			Windows XP/Embedded 7/Embedded 8	Windows Embedded 7, Windows Embedded 8, Windows 10, Linux Ubuntu 14.04, Android 4.4		Windows Embedded 7, Windows Embedded 8, Windows 10, Linux Ubuntu 14.04, Android 4.4		