

2019 GUIDE BOOK

All-in-One Service Touch Computers / Self-Service Kiosks /
Mobile Tablet/POS Systems / Intelligent POS Systems /
Industrial-Grade Box PCs

Advantech

Intelligent Retail Edge Computing



All-in-One Service Touch Computers



All-in-One Self-Service Kiosks



Mobile Tablet Devices



Mobile POS System



Intelligent POS Systems



Industrial-Grade Box PCs

All-in-One Service Touch Computers



Floor Guide

- A1.....Hair Salon
- A2.....Money Exchange
- A3.....Camping World
- A4.....Gift shop
- A5.....Acidic
- A6.....Camera
- A7.....Man's Fashion
- A8.....Coffee shop
- A9.....Glasses
- A10.....Ice Cream

Advantech's UTC series are all-in-one computers equipped with an Intel® processor, fanless system, and multi-touch screen, making them ideal for a wide range of intelligent service applications. The true-flat monitor with 16:9 widescreen provides a beautiful and user-friendly display. Built to meet the needs of various professional applications, the UTC series can be easily integrated with multiple peripherals to extend the system functionalities. UTC series computers offer an extended product life, stable operation, and enhanced customer experience.

Scenarios and Applications



● Hotel Customer Survey Terminals



● Retail Store Interactive Signage



● Supermarket Interactive Terminals



● Retail Store O2O Terminals



● Mall Wayfinding Kiosks



● Restaurant Self-Order Kiosks

UTC-200 Series

UTC-210/215/220/232/242

10-42" True-Flat, Fanless, Open Frame Panel PC

- Built-in Intel® Core™ i5-6300U processor
- 10.1/15.6/21.5/31.5/42.5" monitor with 16:9 widescreen display
- Low-power, fanless system design
- Supports both portrait and landscape display modes
- Supports Windows® Embedded Standard 7/8, Windows® 10 IoT Enterprise, Linux Ubuntu 16.04/18.04, and Android 6.0



OS Support



10-55" Open Frame, All-in-One PC with 16:9 LCD

The compact, slim design and 16:9 widescreen display provides enhanced installation flexibility and complements the system's sleek and stylish appearance.

Open Frame Design for Easy System Integration and Installation

Aimed at diverse embedded applications, the UTC-200 series features an open-frame bracket and single-unit system design which allow it to be easily embedded into any kiosk, cabinet, or wall mount.

Excellent Performance and Multiple OS Support

Powered by the latest Intel® processor, UTC-200 series delivers excellent computing performance. The UTC-200 series also supports multiple OS that further increasing the system's overall compatibility and flexibility.

Rugged and Durable Touchscreen

UTC-200 series equipped with an IP65-rated a front panel for water and dust protection, conforming to environmental specifications for industrial and commercial operation environments.

UTC-300 Series

*Stylish, Lightweight, All-in-One
Touch Computers*



Compact, Fanless System with Powerful Performance

Powered by the latest Intel® processor, UTC-300 series deliver superior computing performance in a compact, fanless system design, and supports multiple OS for diverse applications.

Flexible Installation with Removable Frame Design

UTC-300 series offer flexibility for stand-alone, panel, or VESA mount installation to support a wide range of applications. The removable frame design enables convenient recessed-wall mounting.

Wide Input Voltage and Variable I/O Ports

UTC-300 series supports a wide input voltage range (12 ~ 30 V) to ensure installation flexibility in any commercial and industrial environment. Various I/O ports provide greater device connection and digital data transfer

High Expandability with Rich Peripheral Support

The pre-perforated removable docking station sections on all four sides enable easy integration for diverse peripherals that allows it to extend system functionality.



OS Support



Color Options: White Black

UTC-307

7" Slim and Compact All-in-One Touch Computer

- 7" monitor with 16:9 widescreen display
- Built-in Intel® Celeron® N3350/Pentium® N4200
- Fanless, low power system
- Supports swappable HDD/SSD slot (optional)
- Supports PoE technology (optional)
- IP65-rated front panel for water and dust resistance



Key Features



Removable frame design for flexible installation



Instant swappable storage slot



Green and red LED indicators (optional)

UTC-310

10.1" Slim and Versatile All-in-One Touch Computer

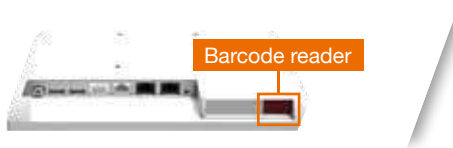
- 10.1" monitor with 16:10 widescreen display
- Built-in Intel® Celeron® N3350/Pentium® N4200
- Fanless, low power system
- Supports PoE technology (optional)
- IP65-rated front panel for water and dust resistance
- Removable frame design for panel mount applications



Key Features



Swappable HDD/SSD slot for quick system maintenance



Built-in 2D barcode reader (optional)



Green and red LED indicators (optional)

UTC-315/318/320

*Stylish, Lightweight,
All-in-One Touch Computer*

- Built-in Intel® Celeron® J1900/Core™ i5- 4300U/6300U processor
- 11.6/15.6/18.5/21.5" monitor with 16:9 widescreen display
- Fanless, low-power system
- 1920 x 1080 Full HD resolution
- Wide input voltage (12 ~ 30 V)
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



IP65-rated front panel for water and dust resistance



Removable frame design for flexible installation



Various peripherals for diverse applications

UTC-500 Series

*Rugged, Expandable,
All-in-One Touch Computers*



10" ~ 42", Compact, Slim, All-in-One PCs with 16:9 LCD

The compact, slim design and stunning 16:9 widescreen display provide a sleek and stylish appearance, while the wide range of screen sizes ensures installation flexibility.

Excellent Performance with Low Power Consumption

Equipped with an Intel® processor that supports high-performance computing, the UTC-500 fanless system offers quiet and power-efficient operation.

Rugged and Durable Touchscreen

The inclusion of an IP65-rated front panel with antimicrobial glass touchscreen* provides a durable front surface with protection from water and dust ingress.

* Antimicrobial glass touchscreens are only available with UTC-515 and UTC-520 PCAP.

Comprehensive Support for Diverse Applications

Supports multiple OS, various I/O ports, and diverse peripheral options that extend the system functionalities for a wide range of applications.



OS Support Windows

Windows Embedded



UTC-515/520/532

All-in-One Touch Computer in a Variety of Sizes

- 15.6/21.5/31.5" monitor with 16:9 widescreen display
- Built-in Intel® Celeron® J1900/Intel® Core™ i5-4300U/6300U/Pentium® N4200 processor
- Fanless, low-power system
- Supports both landscape and portrait screen orientations
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



IP65-rated front panel for
water and dust resistance



Side groove design for flexible
peripheral installation



Rich peripherals for
diverse applications

UTC-510

*Slim, Versatile, All-in-One
Touch Computer with
PoE Support*

- 10.1" monitor with 16:10 widescreen display
- Built-in Intel® Atom™ E3825/Celeron® N2807/J1900/
N3350/Pentium® N4200 processor
- Fanless, low-power system
- Removable frame and customizable frame color
- Supports Advantech WISE-PaaS/RMM remote
management software



Key Features



IP65-rated front panel for
water and dust resistance



PoE support (for UTC-510-
PoE)



Various peripherals for
system expansion

UTC-542

42.5", Slim, All-in-One Touch Computer for Interactive Signage

- 42.5" monitor with 16:9 widescreen display
- Built-in Intel® Celeron® J1900/Intel® Core™ i5-6300U/Pentium® N4200 processor
- Fanless, low-power system
- IP65-rated front panel
- Supports both landscape and portrait screen orientations
- Various I/O and peripherals for diverse applications
- Supports Advantech WISE-PaaS/RMM remote management software
- Dual hot-swappable HDD/SSD slots with RAID 0/1 support



Supports mirror coating (mirrored glass/P-CAP touchscreen)



Swappable dual HDD/SSD slots for easy updates

Memo

All-in-One Self-Service Kiosks



Advantech's UTC series of all-in-one kiosks are stylish, full-function, fanless, industrial-grade, self-service kiosks. Equipped with the latest Intel® processor, UTC series kiosks provide excellent and stable performance. Built to support various self-service applications, the UTC series all-in-one kiosks are available with various screen sizes, can be integrated with diverse peripherals, and support flexible integration for easy installation. These kiosks enable business owners to deliver unified interactive services that increase customer satisfaction.

Scenarios and Applications



● Restaurant Self-Order Kiosks



● Hotel Self-Check-In Kiosks



● Cinema Self-Ticketing Kiosks



● Bank Member Self-Service Kiosks



● Retail Product Information Kiosks



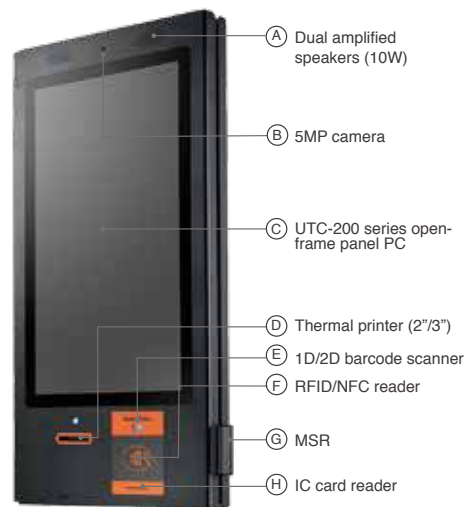
● Public Information Kiosks

UTC-720 Series

UTC-722/723

Slim, Single-Unit, Open Frame Self-Service Kiosks

- Built-in Intel® Core™ i5-6300U processor
- 21.5 and 31.5" FHD LCD (1920 x 1080)
- IP65-rated front panel for water and dust resistance
- Glass or P-CAP/resistive touchscreen
- Supports Wi-Fi/Bluetooth connectivity
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Side-open design for convenient maintenance



Customizable color to fit various business environments



Supports pole, ceiling, and wall mounting for easy installation

UTC-750 Series

UTC-752

Convertible, Multi-Type, All-in-One Self-Service Kiosks

- Built-in Intel® Core™ i5-6300U processor
- 21.5" FHD LCD (1920 x 1080)
- IP65-rated front panel for water and dust resistance
- Supports IDTech payment modules
- Supports Wi-Fi/Bluetooth connectivity
- Supports Advantech WISE-PaaS/RMM remote management software



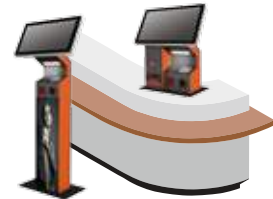
Key Features



Supports a secondary monitor
for multimedia displays



Integrated payment facility with
LED light for convenient use



Flexible installation with
multiple stand types



- (A) Thermal printer (2"/3")
- (B) NFC reader
- (C) Pin pad
- (D) 1D/2D Barcode Scanner
- (E) MSR/IC Card Reader

UTK-500 Series

21.5/31.5" Modular All-in-One Self-Service Kiosk



Slim, multipurpose with Double-unit Flexible Combination

Integrated into a slim steel chassis, providing a stylish and neat double-unit solution which can customize component for self-service kiosk applications.

Easy and Flexible Installation with Dual-use of Presentation

UTK-500 series supports several display with standard VESA mounting holes. It also provides dual-use presentation for landscape mode and portrait mode which is easy to install and fully customizable to fit diverse needs of business environment.

Outstanding Versatility for Various Demand

The UTK-500 series integrates various components in an optimized combination to provide outstanding versatility and to save much space for business owners as well as time consumption which also burden the system functionalities for a wide spectrum of applications.

Excellent Performance and Multiple OS Support

Equipped with latest Intel processor, UTK-500 series delivers high-performance computing. It also supports multiple OS, further increasing the system's overall compatibility and flexibility.



WIDESCREEN



Full HD



Glass/
PCAP/
Resistive Touch



IP65



- 21.5/31.5" monitor with 16:10 widescreen and Full-HD display
- Built-in Intel® Core™, Celeron®, and Pentium® processor
- Fanless, low power system
- Supports both landscape and portrait screen orientation
- Screen Type: P-Cap touch/Resistive touch/Glass(no touch function)
- IP65-rated front panel for water and dust resistance
- Supports Advantech WISE-PaaS/RMM remote management software



Flexible Peripheral Layout with Modular Design

A Wide Range of Peripherals for Diverse Applications



Flexible Installation with Standard VESA

Mobile Tablet Systems



To meet the demands of various industries, Advantech's rugged yet lightweight mobile tablets support long-duration operation and can be easily expanded with the integration of various extension modules. IP65-rated for resistance to water and dust ingress, these tablets offer the capabilities to enhance the customer shopping experience, streamline operations, and increase productivity.

Scenarios and Applications



● Restaurant Checkout Tablets



● Device Management Tablets



● Store Assistant Tablets



● Field Service Tablets



● Self-Service Terminals



● Inventory Management Systems

AIM-35

8" Industrial-Grade Mobile Tablet

- Built-in Intel® Atom™ processor with dual OS (Windows/Android)
- IP65 rating for resistance to water and dust ingress
- Supports various expansion peripherals for diverse applications
- Supports real-time data transmissions via 4G LTE, Wi-Fi, and Bluetooth



Key Features



Touchscreen supports gloved operation



Supports EMV-certified payment modules



Supports diverse modular peripherals

AIM-38

Industrial-Grade Mobile Tablet

- Built-in Intel® Atom™ X5-Z830 processor with multiple OS
- Support brightness up to 800 nits for outdoor application
- Real-time data transmissions via 4G LTE/Wi-Fi/Bluetooth
- Support optional expandable peripherals for enhanced functionality



Key Features



Hot-swappable battery design



High-brightness and directly boned touchscreen design



Supports diverse modular peripherals



AIM-37

10" Multi-Functional Mobile Tablet

- Built-in Intel® Atom™ x5-Z8350 processor
- Corning® Gorilla® glass panel offers an MTBF of up to 12,000 hours
- IP54 rating for resistance to water and dust ingress
- Embedded MSR, IC card reader, and NFC reader provide multiple payment options
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Directly touched touchscreen for enhanced visibility



Built-in MSR and 1D/2D barcode scanner



Supports Android and Windows OS



Memo

A series of horizontal dotted lines for writing a memo.

Mobile POS Systems



Aimed at the retail and hospitality industries, Advantech's rugged yet slim and lightweight mobile POS systems offer high expandability for diverse applications, such as self-ordering or shopping assistance operations, to enhance the customer shopping experience, streamline operations, and increase overall productivity.

Scenarios and Applications



- Mini POS Systems



- Self-Check-in Kiosks



- Self-Payment Kiosks



- Restaurant Queuing Terminals



- Self-Ordering Kiosks



- Customer Feedback Terminals

MPOS-350

8" Mobile POS System

- Built-in Intel® Atom™ processor for efficient operation
- Charging cradle equipped with a receipt printer
- Supports real-time data transmissions via 4G LTE/Wi-Fi/Bluetooth
- Supports Windows 10 IoT and Android 6.0



Key Features



Embedded receipt printer



Supports EMV-certified payment modules



Various I/O interface for different applications

MPOS-370

10" Mobile POS System

- Built-in Intel® Atom™ processor for efficient operations
- Charging cradle equipped with a receipt printer
- Embedded MSR, IC card reader, and NFC reader provide multiple payment options
- Supports Windows 10 IoT and Android 6.0



Key Features



Embedded receipt printer



Built-in 2D barcode scanner for coupon scanning



Embedded NFC reader for payment service



Various Peripherals for AIM Series

Unique Printer Cradle

- Automatic charging via a pogo pin connector for long-duration operation



180-degree adjustable swivel for convenient operation

USB (type A) port (B) C COM port (RJ48)
DC jack (A) D Cash drawer port (RJ11)



System Description



Easy-access design for convenient maintenance

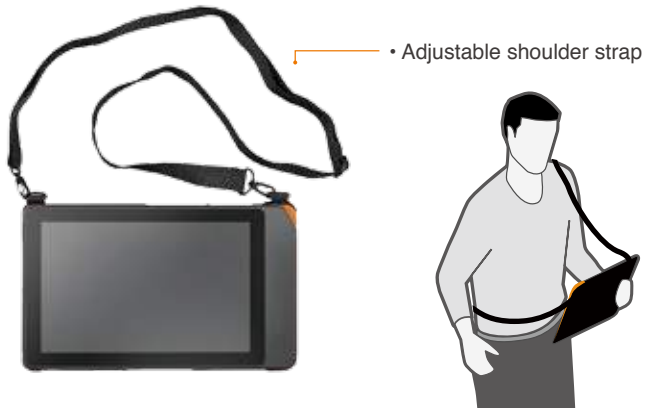
Mobile tablet with unique charging cradle

Plug-and-play functionality

Mobile tablet with UPOS-510 charging cradle



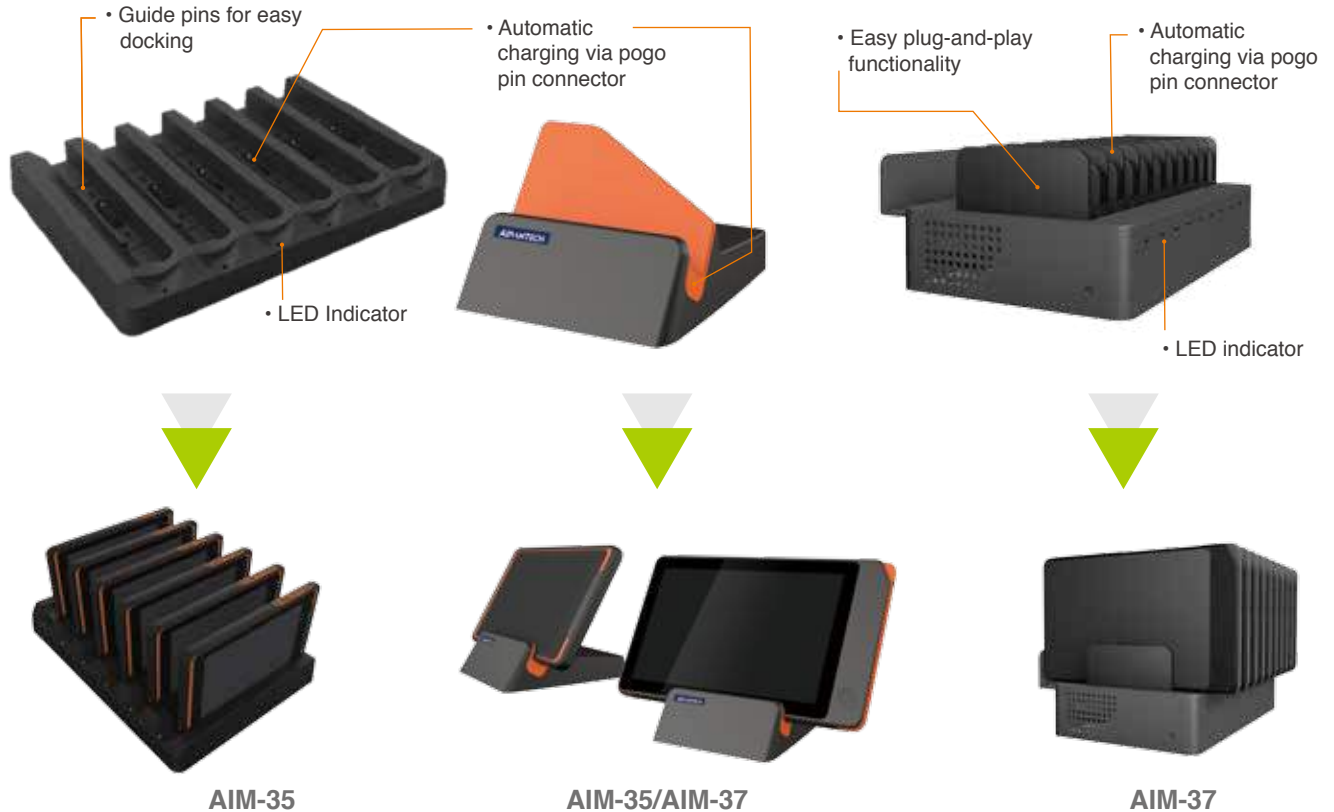
2-in-1 Carry Hand Strap for AIM-37



Simple Strap for AIM-35



Simple & Multiple-Bay Charger



Extension Modules for AIM-35



• EMV-certified payment modules



• Add-on 1D/2D
barcode scanner

Wall Mount Kit



• Supports 75 x 75 VESA
wall mount

AIM-35

AIM-37

• Supports automatic charging
and USB cable management

Intelligent POS Systems



Advantech's POS systems offer stylish solutions that can be equipped with various modular peripherals and integrated with remote management software and cloud-based digital signage to support the provision of diverse value-added services that enhance customers' shopping experience. These systems also enable store managers to collect consumer behavior data for subsequent analysis and operational optimization.

Scenarios and Applications



- Intelligent POS Systems



- Information Checking Systems



- Self-Checkout Terminals



- Restaurant Queuing Terminals



- Kitchen Display Systems



- O2O Terminals

Avalo Family

Infinite Possibilities, Unlimited Combinations



Diversified Combination

Combined Avalo POS systems with all-in-one computer and accessories that creates diversified application.

Modularize Stand/Peripheral

Easily extend functions by built-in module, or combining with rich peripheral that meet varieties of customer demands.

User Friendly

Avalo Family is designed for easy replacing cover and maintaining modules, which saves maintenance time and cost.



Color Options: White Black

OS Support: Windows Windows Embedded



USC-130/160

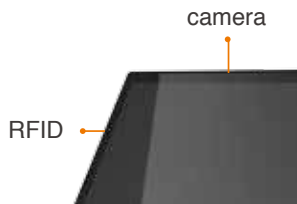
Avalo Family

11.6" /15.6" Android POS System

- Supports Android 6.0/Linux OS
- 16:9 widescreen with P-cap
- Diverse peripheral design (MSR, ibutton and barcode scanner)
- IP65-rated front panel for water and dust resistance
- Expandable I/O design for various applications
- Supports panel mount, wall mount and VESA mount
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Built in Camera and RFID optional



Ultra-slim and compact design



Easy cable maintenance



USC-250

Avalo Family

15" Slim, High-Performance POS System

- Built in Intel® Celeron 3955U/ Core i3-6100U/i5-6300U processor
- Ultra-slim and LED backlight panel design with PCAP touch
- Low power consumption and fanless operation design
- Support VFD, USC-M3/M6 and various monitors as 2nd display
- Easy peripheral mount design integrated
- Rich I/O and peripherals for diverse applications
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Modularized LEGO design for flexible installation



Easy replacement and maintenance design



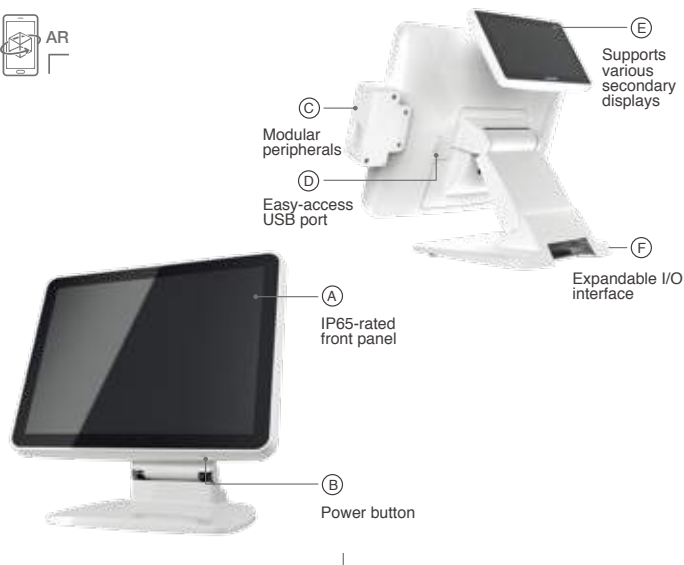
Adjustable secondary display



UPOS-211

Compact, All-in-One POS System with Dual-Hinge Stand

- Innovative dual-hinge stand with up to 90-degree tilt flexibility
- Customizable design for enhanced brand promotion
- Expandable I/O interface for diverse applications
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Dual-hinge design



Supports secondary displays



Easy-access USB port

UPOS-510

High-Performance Modularized POS System

- Fanless Intel® processor for high-performance computing
- Stylish modularized design ensures easy maintenance
- Highly expandable I/O and superior data storage
- Supports Advantech WISE-PaaS/RMM remote management software



MSR



RAID



Remote Monitoring



Key Features



Modularized display design for various applications



Supports various secondary displays (when integrated with AIM-37)



Expandable I/O interface and RAID support

UTC-300P

16:9 Widescreen Fanless POS System

- 15.6"/18.5" fanless POS system with 16:9 widescreen display
- Built-in Intel® Celeron® / Core™ i5 processor
- IP65-rated front panel for resistance to water and dust ingress
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Foldable stand with dual hinge



Unique mount frame attachment supports peripheral integration



Cost-effective and low-power design

Industrial-Grade Box PCs



Advantech has developed high-performance, fanless, low-power, industrial-grade box PCs that can be integrated with remote management software and cloud-based digital signage systems to support various retail and hospitality applications, such as point-of-sale, digital signage, and store management operations. These devices not only allow customer behavior data to be collected, but also facilitate improved service efficiency.

Scenarios and Applications



- Intelligent POS Systems



- Digital Signage Players



- Self-Service Kiosks



- Mini Server Boxes



- Kitchen Display Systems

USM-110

Mini Digital Signage Player with RISC Platform

- Built-in ARM® Cortex®-A17 processor
- Supports diverse mount options for easy installation
- Dual displays at Full HD (up to 4K) resolution
- Supports Advantech WISE-PaaS/SignageCMS digital signage content management software

ARM®



Key Features



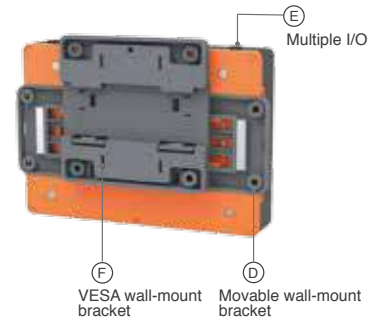
Supports Android OS



Dual HDMI for digital signage applications



Support diverse mounting options wall/VESA/magnet/pole/din-rail



USM-210

Multi-Media Signage Player

- Built-in Intel® Pentium® N4200 processor with fanless operation
- Enables superb graphic performance via FHD video output
- User friendly design for easy maintenance
- Support optional Wi-Fi/4G module for real-time data transmission
- Integrated with WISE-PaaS/SignageCMS Digital Signage Management Software



Key Features



HDD

Foldable stand with dual hinge



USB

Unique mount frame attachment supports peripheral integration



Cost-effective and low-power design

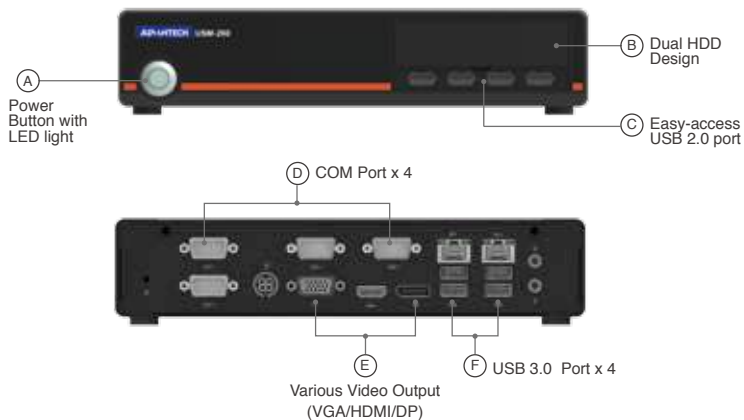
USM-260

Multi-Functional Box PC

- Built-in Intel® Core™ i3-6100TE/ i5-6500TE/ i7-6700TE processor
- Slim and compact design for space saving
- Support dual 2.5" HDD for data backup and easy maintenance
- Enhanced heat dissipation for high reliability
- Integrated with WISE-PaaS/RMM remote management software



Key Features



Easy access USB & HDD design



Rich I/O Interface

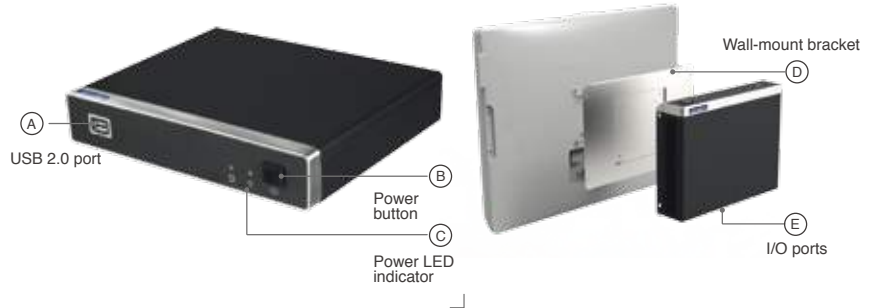


Support various installation

UBX-310

Intelligent, Fanless POS Box System

- Fanless Intel® Celeron® J1900 / Core™ i5 processor
- Compact and slim design offers installation space savings
- Integrated with Advantech WISE-PaaS/ SignageCMS digital signage software
- Supports Advantech WISE-PaaS/RMM remote management software



Key Features



Slim and lightweight



Multiple I/O ports

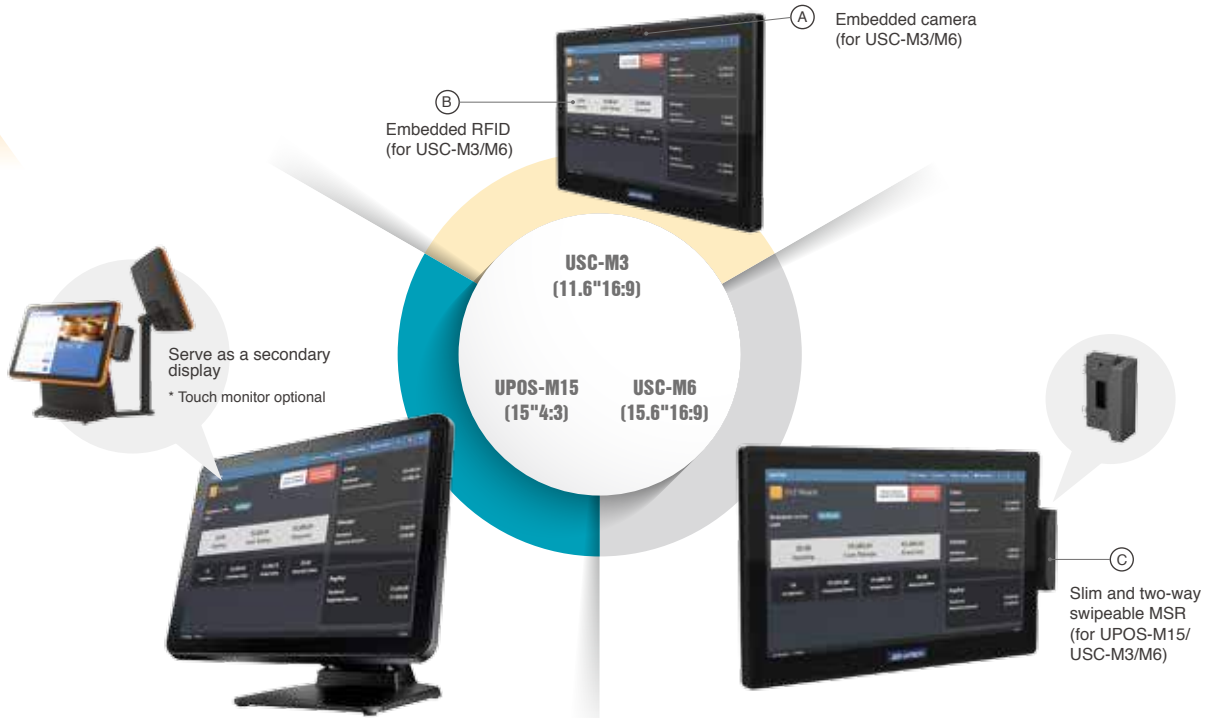


Front-facing USB for easy maintenance

Multifunctional Bezel Free P-Cap Touch Monitor

UPOS-M15 4:3 Stand Alone and Base-Mount Type **Avalo Family**

USC-M3/M6 16:9 Compact & Slim Type



Diversified Applications



- Available with dual hinge stand (for UPOS-M15/USC-M6)



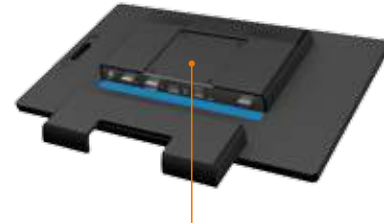
- Various combination with Avalo stand



- Smart combination with box PC as POS application



Industrial Design



- Supports panel mount/wall mount/VESA mount

- IP65 rated front panel
- P-CAP touch screen



UTC Series of All-in-One Touch Computers



Product		UTC-307		UTC-310	
Description		7" Ubiquitous Touch Computer		10.1" Ubiquitous Touch Computer	
Model		UTC-307G		UTC-310G	
System	CPU	Intel® Celeron® N3350	Intel® Pentium® N4200	Intel® Celeron® N3350	Intel® Pentium® N4200
	Cache	1MB	2MB	1MB	2MB
	Memory	1 x SO-DIMM DDR3L 1866 MHz (up to 8 GB)		1 x SO-DIMM DDR3L 1866 MHz (up to 8 GB)	
	HDD	1 x 2.5 external SATA HDD bay		1 x 2.5 internal SATA HDD bay	
Display	Size	7" TFT LCD		10.1" TFT LCD	
	Max. Resolution	800 x 480		1280 X 800	
Touch-screen	Type	Projected capacitive		Projected capacitive	
		-		-	
		Glass Panel		Glass Panel	
I/O Ports	USB Port	2 x USB3.0 2 x USB3.0(optional)		2 x USB3.0 2 x USB3.0(optional)	
	COM Port	2 x RS-232 COM		2 x RS-232 COM	
	HDMI/VGA	-		-	
	Bus Expansion	1 x M.2 key2230 1 x M.2 key2242		1 x M.2 key2230 1 x M.2 key2242	
Network	LAN	2 x Gigabit Ethernet (RJ-45)		2 x Gigabit Ethernet (RJ-45)	
OS Support		Win 10 IoT, Android 6.0, Linux Ubuntu 18.04		Win 10 IoT, Android 6.0, Linux Ubuntu 18.04	



Product		UTC-315			UTC-318			UTC-320		
Description		15.6" ubiquitous touch computer			18.5" ubiquitous touch computer			21.5" ubiquitous touch computer		
Model		UTC-315D	UTC-315E	UTC-315F	UTC-318D	UTC-318E	UTC-318F	UTC-320D	UTC-320E	UTC-320F
System	CPU	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U
	Cache	2 MB	3 MB	3 MB	2 MB	3 MB	3 MB	2 MB	3 MB	3 MB
	Memory	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)		1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)		1 x SODIMM DDR4 2133 MHz (up to 16 GB)	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)		1 x SODIMM DDR4 2133 MHz (up to 16 GB)
	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		
Display	Size	15.6" TFT LCD			18.5" TFT LCD			21.5" TFT LCD		
	Max. Resolution	1366 x 768 (1920 x 1080 optional)			1366 x 768 (1920 x 1080 optional)			1920 x 1080		
Touch-screen	Type	Projected capacitive			Projected capacitive			Projected capacitive		
		Analog 5-wire resistive			Analog 5-wire resistive			Analog 5-wire resistive		
		-			-			Glass panel		
I/O Ports	USB	5 x USB 2.0 1 x USB 3.0	2 x USB 2.0 4 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	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	2 x USB 2.0 4 x USB 3.0
	COM	1 x RS-232, 1 x RS-232/422/485			1 x RS-232, 1 x RS-232/422/485			1 x RS-232, 1 x RS-232/422/485		
	HDMI/VGA	1			1			1		
	Bus Expansion	1 x Full-size mini PCIe/mSATA			1 x Full-size mini PCIe/mSATA			1 x Full-size mini PCIe/mSATA		
Net-work	LAN	2 x Gigabit Ethernet (RJ45)			2 x Gigabit Ethernet (RJ45)			2 x Gigabit Ethernet (RJ45)		
OS Support		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux	

UTC Series of All-in-One Touch Computers



Product		UTC-220	UTC-232
Description		21.5" open-frame panel PC	31.5" open-frame panel PC
Model		UTC-220F	UTC-232F
System	CPU	Intel® Core™ i5-6300U	Intel® Core™ i5-6300U
	Cache	3 MB	3 MB
	Memory	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)
	HDD	1 x 2.5" Internal SATA HDD bay	1 x 2.5" Internal SATA HDD bay
Display	Size	21.5" TFT LCD	31.5" TFT LCD
	Max. Resolution	1920 x 1080	1920 x 1080
Touch-screen	Type	Projected capacitive	Projected capacitive
		Analog 5-wire resistive	Analog 5-wire resistive
		Glass panel	Glass panel
I/O Ports	USB	2 x USB 2.0, 2 x USB 3.0	2 x USB 2.0, 2 x USB 3.0
	COM	2 x RS-232	2 x RS-232
	HDMI/VGA	1 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA
	Bus Expansion	1 x Full-size mini PCIe/mSATA	1 x Full-size mini PCIe/mSATA
Net-work	LAN	2 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)
OS Support		Windows 10 IoT, WES7/8, Linux	Windows 10 IoT, WES7/8, Linux



Product		UTC-510		UTC-515			UTC-520		
Description		10.1" ubiquitous touch computer		15.6" ubiquitous touch computer			21.5" ubiquitous touch computer		
Model		UTC-510D	UTC-510D(PoE)	UTC-515D	UTC-515E	UTC-515F	UTC-520D	UTC-520E	UTC-520F
System	CPU	Intel® Atom™ E3825/Celeron® J1900	Intel® Celeron® N2807/J1900	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6100U	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U
	Cache	1 MB/2 MB		2 MB	3 MB	3 MB	2 MB	3 MB	3 MB
	Memory	1 x SODIMM DDR3L, 1066/1333 MHz (up to 8 GB)		1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)	1 x SODIMM DDR3L, 1333/1600 MHz (up to 8 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)	1 x SODIMM DDR3L, 1333/1600 MHz (up to 8 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)
	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		
Display	Size	10.1" TFT LCD		15.6" TFT LCD			21.5" TFT LCD		
	Max. Resolution	1280 x 800		1366 x 768 (1920 x 1080 optional)			1920 x 1080		
Touch-screen	Type	Projected capacitive		Projected capacitive			Projected capacitive		
		-		Analog 5-wire resistive			Analog 5-wire resistive		
		Glass panel		Glass panel			Glass panel		
I/O Ports	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
	COM	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		
	Bus Expansion	2 x Half-size mini PCIe/mSATA	1 x Full-size, 1 x Half-size mini PCIe/mSATA	1 x Full-size mini PCIe/mSATA			1 x Full-size mini PCIe/mSATA		
Network	LAN	1 x RJ45	2 x RJ45	2 x Gigabit Ethernet (RJ45)			2 x Gigabit Ethernet (RJ45)		
OS Support		Windows 10 IoT, WES7/8, Linux Ubuntu 14.04, Android 4.4		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux	

UTC Series of All-in-One Touch Computers



Product		UTC-532			UTC-542	
Description		31.5" ubiquitous touch computer			42.5" ubiquitous touch computer	
Model		UTC-532D	UTC-532E	UTC-532F	UTC-542D	UTC-542F
System	CPU	Intel® Celeron® J1900	Intel® Core™ i5-4300U	Intel® Core™ i5-6300U	Intel® Celeron® J1900	Intel® Core™ i5-6300U
	Cache	2 MB	3 MB	3 MB	2 MB	3 MB
	Memory	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)	1 x SODIMM DDR3L, 1333/1600 MHz (up to 8 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	1 x SODIMM DDR3L, 1333 MHz (up to 8 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)
	HDD	1 x 2.5" Internal SATA HDD bay			Dual swappable 2.5" HDD/SSD slots	
Display	Size	31.5" TFT LCD			42.5" TFT LCD	
	Max. Resolution	1920 x 1080			1920 x 1080	
Touch-screen	Type	Projected capacitive			Projected capacitive	
		-			Mirror projected capacitive	
		Glass panel			Mirror glass (no touch function)	
I/O Ports	USB	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
	COM	2 x RS-232			2 x RS-232	
	HDMI/VGA	1 x HDMI, 1 x VGA			1 x HDMI, 1 x VGA	
	Bus Expansion	1 x Full-size mini PCIe/msATA			1 x Full-size mini PCIe/msATA	
Network	LAN	2 x Gigabit Ethernet (RJ45)			2 x Gigabit Ethernet (RJ45)	
OS Support		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux		Windows 10 IoT, WES7/8, Linux, Android 4.4	Windows 10 IoT, WES7/8, Linux



Product		UTK-520	UTK-532	UTK-720 series		UTK-750 Series
Description		21.5" Ubiquitous Touch Computer	31.5" all-in-one kiosk	21.5" all-in-one kiosk	31.5" all-in-one kiosk	21.5" all-in-one kiosk
Model		UTC-520F	UTC-532F	UTC-722F	UTC-723F	UTC-752F
System	CPU	Intel® Core™ i5-6300U		Intel® Core™ i5-6300U	Intel® Core™ i5-6300U	Intel® Core™ i5-6300U
	Cache	3 MB		3 MB	3 MB	3 MB
	System Memory	2 x SO DIMM DDR3L, 1600MHz (up to 16 GB)		2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)	2 x SODIMM DDR3L, 1600 MHz (up to 16 GB)
	HDD	2 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
Display	Size	21.5" TFT LCD	31.5" TFT LCD	21.5" TFT LCD	31.5" TFT LCD	21.5" TFT LCD
	Max. Resolution	1920 x 1080		1920 x 1080	1920 x 1080	1920 x 1080
Touch-screen	Type	Projected capacitive		Projected capacitive	Projected capacitive	Projected capacitive
		-		Analog 5-wire resistive	Analog 5-wire resistive	Analog 5-wire resistive
		Glass panel		Glass panel	Glass panel	Glass panel
I/O Ports	USB	2 x USB 2.0, 2 x USB 3.0		2 x USB 2.0, 2 x USB 3.0		
	COM	2 x RS-232		2 x RS-232		
	HDMI/VGA	1 x VGA, 1 x HDMI		1 x HDMI, 1 x VGA		
	Bus Expansion	1 x Full-size mini PCIe/mSATA		1 x Full-size mini PCIe/mSATA	1 x Full-size mini PCIe/mSATA	1 x Full-size mini PCIe/mSATA
Network	LAN	2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)		
Mounting	VESA	200 x 200 mm/7.87 x 7.87 in		200 x 200 mm/7.87 x 7.87 in	200 x 200 mm/7.87 x 7.87 in	100 x 100 mm/3.93 x 3.93 in
OS Support		Windows 10 IoT, WES7/8, Linux		Windows 10 IoT, WES7/8, Linux		
Peripherals		NFC reader (EMV L1-L2), pin pad (EMV L1-L2), chip and magnetic stripe reader (EMV L1-L2), thermal printer, 1D/2D barcode scanner, Camera		NFC reader (EMV L1-L2), pin pad (EMV L1-L2), chip and magnetic stripe reader (EMV L1-L2), thermal printer, 1D/2D barcode scanner		

UTC Series Peripherals and Installation Accessories

Peripherals	Magnetic Stripe Reader	NFC/RFID Reader	Smart Card Reader	1D/2D Barcode Reader	5MP Camera Module	Fingerprint Scanner	iBeacon
UTC-510/ 542 Series	UTC-510/542P-M	UTC-510/542P-R	UTC-510/542P-S	UTC-510/542P-B	UTC-510/542P-C	UTC-510/542P-F	
							
	UTC-P02	UTC-P03	UTC-P06	UTC-P07	UTC-P01	UTC-P09	UTC-P08
							
	UTC-300P-M	UTC-300P-R	UTC-300P-S	UTC-300P-B	UTC-300P-C		
							

Wall Mount Kit

UTC-WALL-MOUNT1E



UTC-WALL-MOUNT2E



UTC-WALL-MOUNT3E



UTC-WALL-MOUNT4E



Table Stand

UTC-520-STAND1E



UTC-S01-STAND



UTC-S03-STANDE



UTC-300P-D



Floor Stand

UTC-T01-STANDE



UTC-H01-STANDE



Mobile Tablet System



Model		AIM-35	AIM-37	AIM-38
System	CPU	Intel® Atom™ X5-Z8350	Intel® Atom™ X5-Z8350	Intel® Atom™ X7-Z8750
	OS Support	Windows 10 IoT Enterprise, Android 6.0	Windows 10 IoT Enterprise, Android 6.0	Windows 10 IoT Enterprise, Android 6.0
	Memory	2 GB	2 GB	4 GB
Storage		32/64 GB	32 GB	32/64 (default)/128 GB
Display	Size/Type	8" IPS TFT color LCD	10" IPS TFT color LCD	10" IPS TFT color LCD
	Glass Type	Corning® Gorilla® Glass 3 (directly bonded)	Corning® Gorilla® Glass 3 (directly bonded)	Corning® Gorilla® Glass 3 (directly bonded)
	Resolution	WXGA (1200 x 1920)	WXGA (1280 x 800)	FHD LCD (1920x1200)
	Brightness	400 cd/m ²	350 cd/m ²	380 cd/m ² (800 cd/m ² optional)
	Touchscreen	10-point capacitive multi-touch with glove mode	10-point capacitive multi-touch with glove mode	10-point capacitive multi-touch with glove mode
External I/O		1 x micro SD (up to 128 GB), 1 x micro USB 3.0 (OTG), 1 x micro HDMI, 1 x AIM dock 16-pin pogo connector, 1 x AIM extension 14-pin pogo connector	1 x micro SD (up to 128 GB), 1 x micro USB 2.0 (OTG), 1 x 6-pin pogo connector (with USB 2.0 and DC in), 1 x Kensington lock, 1 x micro SIM (optional)	1 x USB 3.0, 1 x micro HDMI, 1 x micro SD + SIM slot, 1 x AIM dock 16-pin pogo connector, 1 x AIM extension 14-pin pogo connector, 1 x DC-in jack
Function Buttons		1 x power button, 1 x programmable function button, 2 x volume control buttons	1 x power button, 1 x programmable function button, 2 x volume control buttons (optional)	1 x power button, 1 x programmable function button, 2 x volume control buttons
Communication	WLAN	Internal 802.11 a/b/g/n	Internal 802.11 a/b/g/n (ac is optional)	Internal 802.11 a/b/g/n/ac
	Bluetooth	Bluetooth 4.0 BLE	Bluetooth 4.0 BLE	Bluetooth 4.0 BLE
	GPS	AGPS, GNSS (optional)	AGPS, GNSS (optional)	Beidou (Optional)
	WWAN	Internal 4G/3G mode (optional)	Internal 4G/3G mode (optional)	Internal 4G/3G mode (optional)
	NFC	13.56 MHz, ISO 14443 type A/B, ISO/IEC 15693, MIFARE, FeliCa	13.56 MHz, ISO 14443 type A/B, ISO/IEC 15693, MIFARE, FeliCa	13.56 MHz, ISO 14443 type A/B, ISO/IEC 15693, MIFARE, FeliCa
	MSR	3-track MSR (optional)	3-track MSR (optional)	3-track MSR (Optional module)
IC Card Reader		5 V smart card (optional)	5 V smart card (optional)	5 V smart card (optional)
Color		black/orange	black/orange	black/orange
Battery		5060 mAh	7900 mAh	7900mAh Hot-Swappable with capacity LED indicators
Dimensions		142 x 239 x 14.5 mm	290 x 176 x 17.4 mm	290 x 176 x 17.4 mm
Weight		800 g	900 g	930 g

MPOS/Tablet Peripherals



Model	AIMP511A0	AIM-EXTO-0046	AIM-BATO-0252
Description	<ul style="list-style-type: none"> • 20 degree 2D arc code scanner • Color : Black • Demiension: 130.2 x 38.7 x 27.8mm • Weight 0.042 kg 	<ul style="list-style-type: none"> • LAN & COM module • Color : Black • Demiension: 130.2 x 70 x 29 mm • Weight 0.078 kg 	<ul style="list-style-type: none"> • Battery with Meter (1 pcs) • Color : Black • Demiension: 98 x 84.5 x 6.5 mm • Weight 0.104 kg
Application Scope	AIM-35	AIM-35	AIM-35



Model	AIM-P502	AIM-P505	AIM-P705
Description	Basic charger	6-in-1 multi-bay charging station	10-in-1 multi-bay charging station
LED Indicator	Orange (LED light emitted when tablet is docked)	Orange (LED light emitted when tablets are docked)	Orange (LED light emitted when tablets are docked)
Charge Method	Via pogo pin	Via pogo pin	Via pogo pin
Max. Charging Power	5 V/3A	5 V/3A	5 V/3A
Max. Tablet Thickness	34 mm	34 mm	34 mm
Dimensions	180 x 140 x 120 mm (charger only) 180 x 290 x 250 mm (with tablet)	373.6 x 250 x 126 mm (charger only) 373.6 x 250 x 247 mm (with tablet)	374.4 x 251.5 x 133.6 mm (charger only) 374.4 x 293.6 x 254.5 mm (with tablet)
Power Supply	110 ~ 250 VAC, 240W	110 ~ 250 VAC, 240W	110 ~ 250 VAC, 240W
Application Scope	AIM-35/37	AIM-35	AIM-37

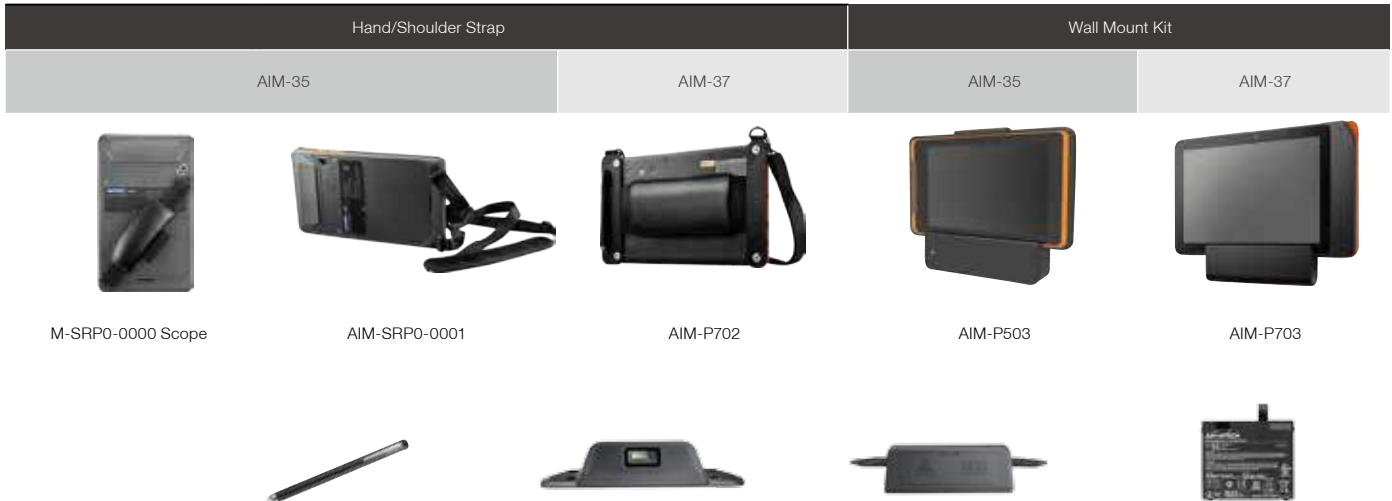
Mobile POS System



Model		MPOS-350	MPOS-370
System	CPU	Intel® Atom™ X5-Z8350	Intel® Atom™ X5-Z8350
	OS Support	Windows 10 IoT Enterprise, Android 6.0	Windows 10 IoT Enterprise, Android 6.0
	Memory	2/4 GB	2/4 GB
Storage		32/64 GB	32/64 GB
Display	Size/Resolution	8" TFT IPS LCD panel/ WXGA (1200 x 1920)	10" IPS TFT LCD panel/ WXGA (1200 x 1920)
	Brightness	400 cd/m ²	350 cd/m ²
	Touchscreen	Corning® Gorilla® Glass 3 with 10-point capacitive multi-touch and glove mode	Corning® Gorilla® Glass 3 with 10-point capacitive multi-touch and glove mode
External I/O		1 x micro SD (up to 128 GB), 1 x micro USB 3.0 (OTG), 1 x micro HDMI, 1 x AIM dock 16-pin pogo connector, 1 x AIM extension 14-pin pogo connector, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)	1 x micro USB 2.0 (OTG), 1 x 6-pin pogo connector (with USB 2.0 and DC in), 1 x Kensington lock, 1 x micro SIM (optional), 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)
Function Buttons		1 x power button, 1 x programmable function button, 2 x volume control/open door/feed paper buttons	1 x power button, 1 x programmable function button, 2 x volume control/open door/feed paper buttons (optional)
Communication	WLAN	Internal 802.11 a/b/g/n	Internal 802.11 a/b/g/n (a/c optional)
	Bluetooth	Bluetooth 4.0 BLE	Bluetooth 4.0 BLE
	GPS	AGPS, GNSS (optional)	AGPS, GNSS (optional)
	WWAN	Internal 4G/3G mode (optional)	Internal 4G/3G mode (optional)
	NFC	13.56 MHz, ISO 14443 type A/B, ISO/IEC 15693, MIFARE, FeliCa	-
	MSR	3-track MSR (external module)	3-track MSR
	IC Card Reader	5 V smart card (external module)	5 V smart card
Color		black, orange	black, orange
Battery		5600 mAh	7900 mAh
Dimensions		Tablet: 142 x 239 x 14.5 mm Cradle: 151 x 152 x 318 mm	Tablet: 290 x 176 x 17.4 mm Cradle: 151 x 152 x 318 mmz
Weight		Tablet: 800 g Cradle: 2 kg	Tablet: 900 g Cradle: 2 kg

Model	AIM-P701A0
Description	Printer cradle
Swivel Range	80-degree rotation
Pogo Pin	USB 2.0 5 V/3A charger
Paper Width	80/58 mm 3.14/2.28 in
Paper Roll	Diameter: 70 mm
Printing Speed	200 mm/sec
Paper Cutter	Auto cut
Buttons	Open door, feed paper
LEDs	Power, error indicators
I/O Ports	1 x DC in, 2 x USB 2.0 (type A), 2 x COM (RJ48), 1 x cash drawer (RJ11)
Dimensions	151 x 152 x 318 mm
Operating Temperature	0 ~ 40 °C/32 ~ 104 °F
Storage Temperature	-10 ~ 60 °C/14 ~ 140 °F
Operating Humidity	5 ~ 95%, non-condensing
Applicable Scope	AIM-37

MPOS/Tablet Peripherals



Model	AIM-P704	AIM-P511A0	AIM-EXTO-0046	AIM-BATO-0252
Description	Active stylus	<ul style="list-style-type: none"> • 20 degree 2D barcode scanner • Color: Black • Dimensions: 130.2 x 38.7 x 27.8 mm • Weight: 0.042 kg 	<ul style="list-style-type: none"> • LAN + COM module • Color: Black • Dimensions: 130.2 x 70 x 29 mm • Weight: 0.078 kg 	<ul style="list-style-type: none"> • Battery with meter (1 pcs) • Color: Black • Dimensions: 98 x 84.5 x 6.5 mm • Weight: 0.104 kg
Application Scope	AIM-35/37	AIM-35	AIM-35	AIM-35

Intelligent POS/Box PCs



Model		USC-130/160	USC-250	UPOS-211
System	CPU	Rockchip ARM Cortex-A17 RK3288 Quad core up to 1.6GHz	Skylake-U, i5-6300U/CORE i3-6100U/Celeron 3955U	Intel® Celeron® J1900/Core™ i3/i5
	OS	Android 6.0 and Linux	POSReady 7, Windows 7 Pro, Windows 8.1 Pro (64-bit), Windows 10 IoT Enterprise, Linux Kernel 3.13 or above	Windows 10 IoT Enterprise, Win 7/8 Pro, POSReady 7, Linux Kernel 3.13, Android 4.4
Storage		8GB on board eMMC Micro SD(up to 32GB)	2 x M.2 2242/mSATA	1 x 2.5" SATA HDD/SSD bay/mSATA
Display	Size	USC-130: 11.6" TFT LCD (1366x768) USC-160:15.6" TFT LCD (1366x768 /1920x1080 optional)	15" TFT LCD Display (1024 x 768)	15" TFT LCD (1024 x 768)
	Brightness	USC:130:250 cd/m ² USC-160: 250cd/m ² (300 cd/m ² optional)	300 cd/m ²	250 cd/m ²
	Touchscreen	P-CAP	P-CAP. Flat Glass	5-wire resistive/P-CAP
External I/O	COM	1xCOM	4 x COM	2 x COM (up to 5 max.)
	USB	2xUSB 2.0 (max to 4xUSB 2.0) 1xUSB OTG	4 x USB 3.0 / 2 x USB 2.0 / 3 x Micro-USB (max. up to 11 x USB 3.0)	1 x USB 3.0, 2 x USB 2.0 (up to 7 x USB 2.0 max.)
	Output	1xHDMI	1 x VGA	1 x VGA/DP
	Ethernet	1xRJ45	2 x RJ45	1 x RJ45
	Cash Drawer	NA	1 x RJ11 (12/24V)	1 x RJ11 (12/24 V)
	Audio	1xLine out , 1xmic in	1 x Line out, 1 x mic in	1 x line out, 1 x mic in
	Speaker	USC-130:1x2W speaker USC-160:2x2W speaker	1 x 2W speaker	1 x 2W speakers
OS Support Kiosk	Secondary Display	<ul style="list-style-type: none"> USC-130: 11.6" TFT LCD(Avalo stand) USC-160: VFD • 1.6" TFT LCD (rear) • 15.6" TFT LCD(Avalo stand) 	<ul style="list-style-type: none"> VFD • 11.6"/15.6" TFT LCD (rear) 	<ul style="list-style-type: none"> VFD • 7"/10.1" TFT LCD (rear) • 12"/15" TFT LCD (pole)
	Peripherals	MSR/ IC Card Reader/ NFC, NFC/Camera-embedded peripheral	MSR/ IC Card Reader/ NFC, Barcode Scanner / Camera	MSR, MSR + fingerprint scanner, MSR + RFID, MSR + iButton, MSR + IC card reader
Connectivity		WiFi (802.11a/b/g/n) or Bluetooth	-	Wi-Fi (802.11b/g/n) or Bluetooth
Color		Black/White	Black/White	orange/black/white
IP Rating		IP65 (Front Panel)	IP65 (Front Panel)	IP65 (front panel)
Dimensions/Weight		USC-130: 295x190x34mm/2kg USC-160: 384x239x34mm/3.5kg	352 x 276 x 46 mm/ 6.9kg	354 x 327 x 237 mm/5.2 kg



Model		UPOS-510	UTC-315P	UTC-318P
System	CPU	Intel® Celeron® J1900/Core™ i3/i5	Intel® Celeron® J1900/Core™ i5	Intel® Celeron® J1900/Core™ i5
	OS	Windows 10 IoT Enterprise, Win 7, POSReady 7, Linux Kernel 3.13, Android 4.4	Windows 10 IoT Enterprise, Win 7, POSReady 7	Windows 10 IoT Enterprise, Win 7, POSReady 7
Storage	HDD	1 x 2.5" SATA HDD/SSD bay/mSATA	1 x 2.5" SATA HDD/SSD bay/mSATA	1 x 2.5" SATA HDD/SSD bay/mSATA
Display	Size	15" TFT LCD (1024 x 768)	15.6" TFT LCD (1024 x 768)	18.5" TFT LCD (1024 x 768)
	Brightness	250 cd/m ²	200 cd/m ²	250 cd/m ²
	Touchscreen	P-CAP	5-wire resistive/P-CAP	5-wire resistive/P-CAP
External I/O	COM	2 x COM	2 x COM	2 x COM
	USB	1 x USB 3.0, 2 x USB 2.0 (up to 7 x USB 2.0 max.)	1 x USB 3.0, 3 x USB 2.0 (up to 4 x USB 3.0 max.)	1 x USB 3.0, 3 x USB 2.0 (up to 4 x USB 3.0 max.)
	Output	1 x VGA or HDMI	1 x VGA/HDMI	1 x VGA/HDMI
	Ethernet	1 x RJ45	1 x RJ45	1 x RJ45
	Cash Drawer	1 x RJ11 (12/24 V)	1 x RJ11 (12/24V)	1 x RJ11 (12/24V)
	Audio	1 x line out, 1 x mic in	1 x Line out, 1 x mic in	1 x Line out, 1 x mic in
	Speaker	1 x 2W speakers	2 x 1W speaker	2 x 1W speaker
Expansion Options	Secondary Display	<ul style="list-style-type: none"> • VFD • 7"/10.1" TFT LCD (rear) • 12"/15" TFT LCD (pole) 	<ul style="list-style-type: none"> • VFD • 7"/10.1" TFT LCD (rear) • 15" TFT LCD (pole) 	<ul style="list-style-type: none"> • VFD • 7"/10.1" TFT LCD (rear) • 15" TFT LCD (pole)
	Peripherals	MSR, MSR + fingerprint scanner, MSR + RFID, MSR + iButton, MSR + IC card reader	MSR, IC card reader, NFC reader, barcode scanner, camera	MSR, IC card reader, NFC reader, barcode scanner, camera
Connectivity		Wi-Fi (802.11b/g/n) or Bluetooth	-	-
Color		orange/black/white	black/white	black/white
IP Rating		IP65 (front panel)	IP65 (front panel)	IP65 (front panel)
Dimensions/Weight		354 x 197 x 384 mm/6.5 kg	401 x 327 x 43.5 mm/ 6.5kg	475 x 400 x 43.5 mm/ 6.5kg

Intelligent POS/Box PCs



Model		UBX-310	USM-110	USM-210	USM-260
System	CPU	Intel® Celeron® J1900/Core™ i3/i5	ARM® Cortex®-A17 quad-core, up to 1.8 GHz	Intel® Pentium® N4200 Quad Core Up to 2.5GHZ	"Intel® Core™ i3-6100TE/i5-6500TE/i7-6700TE"
	OS Support	Windows 10 IoT Enterprise, Win 7/8	Android 6.0	Windows 10 IoT Enterprise	Windows 10 IoT Enterprise, Win 7, POSReady 7
Memory		-	2G	8G	TBD
Storage	HDD	1 x 2.5" SATA HDD/SSD bay	EMMC 16 GB + micro SD expansion slot	1 x 2.5" SATA HDD/SSD bay	2 x 2.5" SATA HDD/SSD bay
	mSATA	Yes	-	Yes	Yes
Display	Max. Resolution	1920 x 1200	3840 x 2160 (4K)	3840 x 2160 max. (4K)	Max. HDMI:4096 x 2160 @ 24 Hz Max. DP: resolution 4096 x 2160 @ 60Hz Max. VGA: resolution 1920 x 1200 @ 60 Hz Dual Display(DP+HDMI, DP+VGA, HDMI+VGA)
External I/O	Serial Port	3 x COM	1 x COM	2 x COM	4 x COM
	USB Port	5 x USB 2.0	1 x OTG USB, 2 x USB 2.0	2 x USB 3.0, 2 x USB 2.0	4 x USB 3.0, 4 x USB2.0
	Output	2 x VGA, 1 x HDMI 1 x VGA, 2 x HDMI	2 x HDMI	4 x HDMI	1 x VGA/DP/HDMI
	Ethernet	1 x RJ45	1 x RJ45	2 x RJ45	2 x RJ45
	12 V Connector	-	-	-	-
	Audio	1 x line out, 1 x mic in	1 x line-out	1 x Line out, 1 x mic in	1 x Line out, 1 x mic in
	Printer Port	Optional	-	-	-
Others	-	2 x LED Indicators, 1 x SD Slot	2 x Antenna hole	-	
Extension		2 x mini PCIE	1 x mini PCIE (3G/4G)/1 x M.2 (Wi-Fi)	M.2 E-key 2230 for wifi M.2 B-key 2280 for storage or 4G (auto detect)	1 H/S miniPCle
Optional Modules	Peripherals	10.1/15" TFT LCD (touch/non-touch)/cash drawer/printer	-	Yes	Yes
Mounting	Mount Options	Stand, wall, pole	Stand, wall, pole	Wall mount	Yes
Color		Black	Black	Black	Black
Dimensions/Weight		245 x 185 x 45 mm/2.0 kg	155.8 x 120 x 31 mm/1.0 kg	230(W) x 195(L) x 38(H)mm	TBD

UPOS/Box PC Peripherals

Peripherals	MSR	Peripherals	SR + iButton	Peripherals	MSR + RFID		
Add-On Peripherals	  (USC only)	Add-On Peripherals	  (USC only)	Add-On Peripherals			
Peripherals	MSR + Fingerprint Scanner	Peripherals	MSR + IC Card Reader	Peripherals	Barcode Scanner		
Add-On Peripherals		Add-On Peripherals		Add-On Peripherals			
Peripherals	10.1" Monitor	Peripherals	15" Touch Monitor	Peripherals	11.6"/15.6" Touch Monitor	Peripherals	Printer
Model	 <ul style="list-style-type: none"> • 10.1" LCD monitor (1024 x 768) • 200 cd/m² • 240 x 270 x 606 mm • 3.6 kg 	Model	 <ul style="list-style-type: none"> • 15" TFT LCD (1024 x 768) • 250 cd/m² • 278 x 354 x 53 mm 	Model	 <ul style="list-style-type: none"> • 11.6" /15.6" TFT LCD (1366x768) • 250 cd/m² 	Model	 <ul style="list-style-type: none"> • Printing speed 300mm/s • Paper width 79.5±0.5mm • Paper roll diameterΦ80mm • Interface USB+Serial+Ethernet • 200x145x142mm

Advantech iRetail App



Get the iRetail App



Android




iOS

Enjoy 3D iRetail products on your mobile phone at any time and any place



Tips for using the iRetail app



Scan product images with the  icon to activate AR



Integrate 3D models with your surrounding environment.



Memo

A series of horizontal dotted lines for writing.

Memo

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Worldwide Offices

Greater China

China

Beijing	86-10-6298-4346
Shanghai	86-21-3632-1616
Hong Kong	852-2720-5118

Taiwan

Neihu	886-2-2792-7818
Xindian	886-2-2218-4567
Taichung	886-4-2329-0371
Kaohsiung	886-7-229-3600

Asia Pacific

Japan

Toll Free	0800-500-1055
Tokyo	81-3-6802-1021
Osaka	81-3-6802-1021

Korea

Toll Free	080-363-9494
Seoul	82-2-3663-9494

Singapore

Singapore	65-6442-1000
------------------	--------------

Malaysia

Kuala Lumpur	60-3-7725-4188
Penang	60-4-537-9188

Thailand

Bangkok	66-2-248-3140
----------------	---------------

India

Bangalore	91-80-2545-0206
Pune	91-20-3948-2075

Indonesia

Jakarta	62-21-751-1939
----------------	----------------

Australia

Toll Free	1300-308-531
Melbourne	61-3-9797-0100

Europe

Germany

Munich	49-89-12599-0
Düsseldorf	49-2103-97-855-0

France

Paris	33-1-4119-4666
--------------	----------------

Italy

Milano	39-02-9544-961
---------------	----------------

Benelux & Nordics

Breda	31-76-523-3100
--------------	----------------

Poland

Warsaw	48-22-31-51-100
---------------	-----------------

Russia

Moscow	8-800-555-01-50
St. Petersburg	8-800-555-81-20

UK

Toll Free	0800 2426 8081/80
London	44 208 836 9732

Americas

North America

Cincinnati	1-513-742-8895
Milpitas	1-408-519-3898
Irvine	1-949-420-2500

Brazil

São Paulo	55-11-5592-5355
------------------	-----------------

Mexico

Mexico City	52-55-6275-2727
--------------------	-----------------

ADVANTECH

Enabling an Intelligent Planet

Advantech Co., Ltd.

No. 1, Alley 20, Land 26, Rueiguang Rd.,
Neihu Dist., Taipei 11491, Taiwan, R.O.C

T: 886-2-2792-7818
www.advantech.com

Please verify specifications before ordering. The information in this guide is intended for reference purposes only. All product specifications are subject to change without notice. No part of this publication may be reproduced in any form or by any means, including electronically, by photocopying, recording, or otherwise, without the prior written permission of the publisher. All brand and product names are trademarks or registered trademarks of their respective companies.

©Advantech Co., Ltd. 2018-2019

8600000323 (Edition October, 2018)



Learn More about
Advantech Intelligent
Retail Solutions