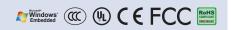
UTC-532

31.5" Ubiquitous Touch Computer UTC-532I with 11th Gen Intel Core i7/i5/i3 Processor



Features

- High performance and fanless system design
- Built-in Intel[®] Core[™] i5-1145G7E (UTC-532I)
- 31.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Aluminum frame with side groove design for flexible peripheral installation
- Supports both landscape and portrait screen orientations
- VESA 200 mm standard mounting holes for varied mounting demands



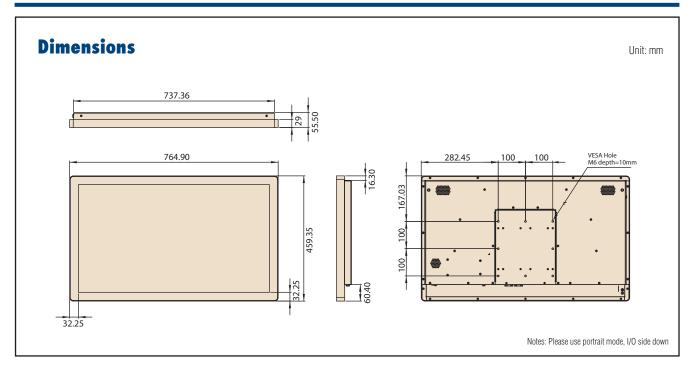
Introduction

UTC-532 features an all-in-one computing system 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. 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

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	CPU	i5-1145G7E (Default) Intel® Core™ i3-1115G4E Intel® Core™ i7-1185GRE
	Base Frequency	1.50/ 2.6 GHz/ Quad Core
	Cache	L3 Cache 8MB
	Memory	DDR4-3200 up to 64GB
	HDD	1 x 2.5 internal SATA HDD bay
	Network (LAN)	2 x GbE, LAN1: Intel i219LM, LAN2: Intel i210AT/IT (supports Wake on LAN)
Processor System	I/O ports	2 x GbE, LAN1: Intel i219LM, LAN2: Intel i210AT/IT 1 x HDMI / 1 x DP 1 x Audio Line-out 1 x Mic-in 4 x USB3.2 Gen. 2x1 10Gbps 1 x USB type-C, USB3.2 Gen. 2x2 20Gbps, support DP1.4a via Alt. Mode (5V/3A)
	Stereo Speaker	10W x 2
	Bus expansion	1 x M.2 E-Key 2230 (PCle x 1, USB2.0, I2C) 1 x M.2 B-Key 3042 (USB2.0) w/ Nano-SIM 1 x M.2 M-Key 2280 (PCle x4 Gen.4 for PCle SSD), optional SATA
	Dimensions (W x H x D)	764.50 x 459 x 55.5 mm
	Weight	18 kg (39.6 lb)
OS Support	Wolgin	Windows 10 IoT Enterprise
	Operating Temperature	$0 \sim 40^{\circ} \text{ C} (32 \sim 104^{\circ} \text{ F})$
	Relative Humidity	10 ~ 95% @ 40° C non-condensing
Environmental	Vibration	0.5G
Specifications	Shock	5 G peak acceleration (11 msec. duration)
	Certification	CE, FCC, UL, CB, CCC, BSMI
	Front Panel Protection	IP65/ NEMA4 Compliant
	Input Voltage	100~240V
Power Supply	Adapter	24V, 9.58A
Power Supply	Power consumption	Typical 95W Max. 105W
	Size/Type	31.5" TFT LCD with LED backlight
	Max.Resolution	1920 x 1080
LCD Display	Max. Color	16.7 M
LUD Display	Pixel Pitch (mm)	0.36375 (H) x 0.36375 (W)
	Brightness (cd/m ²)	300
	View Angle	178°/178°
Touch Screen (PE/GE)	Туре	Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel (No touch function)
	Light Transmission	90% ± 2% / 90%
	Controller	USB Interface / -

UTC-5321



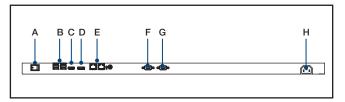
Ordering Information

Part No.	Description
UTC-532IP-ATB0E	31.5 Intel [®] Core [™] i5-1145G7E fanless UTC with PCT.T/S. 8GB RAM
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
1960060677N001	IO Cover for UTC-532 series

Installation Accessory for UTC-532

Part No.	Description
ARES-12290-L202000	Wall Mount kit for UTC-532
UTC-H01-STANDE	H-shaped floor stand

Fully- Integrated I/O



A. Power Switch B. USB3.2 x 4 C. USB Type C D. HDMI E. LAN x2 F. COM1 G.COM2 H.Power Inlet

Specifications

DeviceOn/iService Remote Device Management	Operating System	Windows 10
	Common Controls (Reboot, Shutdown)	\checkmark
	Remote desktop	✓ (VNC)
	Audio Controls	\checkmark^{\star}
	Connection Status	\checkmark
	Hardware Status	\checkmark^{\star}
	Hard Disk Status	\checkmark^{\star}
	Batch Operation Support	\checkmark
	OTA Storage Management	FTP
	OTA Software Updates	\checkmark
	Software Watchlist	\checkmark
	Software Start/Stop	\checkmark^{\star}

Note: DeviceOn/iService software must be downloaded from the Advantech website at https://www.advantech.com/search/?q=DeviceOn%2FiService&st=support&sst=Utility

DeviceOn/iService

Unified Remote Device Management Software



Features

- Supports Advantech devices equipped with Windows, Android, and Linux OS
- Flexible device, location, user, and permissions management
- Enables remote monitoring and control of hardware, software, and peripherals
- Supports over-the-air (OTA) firmware and software updates
- Ensures quick, easy, and secure device onboarding
- RESTful APIs for third-party system integration

Introduction

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Advantech's DeviceOn/iService is a next-generation unified device management solution based on the WISE-DeviceOn platform. Designed to enable centralized monitoring and remote management, DeviceOn/iService supports Advantech devices equipped with Windows, Linux, or Android operating systems. The software also supports the management of applications and integrated peripherals, such as a barcode scanner, card reader, camera, and printer. Users can remotely access and control connected devices, take screenshots, rollout OTA upgrades, and use remote desktop capabilities for troubleshooting from any location at any time. Moreover, DeviceOn/iService supports batch operations to facilitate the management of multiple devices simultaneously for easy and convenient device configuration and deployment.

Total Management

Devices & Hardware

Windows, Linux, Android

Hardware, storage, battery

Software & Peripherals

Open for Expansion

Peripheral integration

Open APIs for integration

Software monitoring & access

Screens, USB devices, printers

Remote Access



- Connection/hardware status
- Software/peripheral status
- Failure notifications

Remote Controls

- Power controls
- Audio, backlight controls
- Software controls

Troubleshooting

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- Screenshots
- Remote desktop support

Operational Efficiency

OTA updates

• System/software updates

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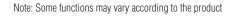
File repository managementApp store

Batch Controls

- 1-to-many batch reboot, etc.
- Time-saving tasks

Setup Booster

- Software/peripheral watchlist
- Roles, rule templates



System Architecture

