UTC-515K

15.6" Ubiquitous Touch Computer
UTC-515K with Intel® Atom® N97/i3-N305



Features

- Low-power, fanless system design
- Built-in Intel® Atom N97
- 15.6" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- All-in-one aluminum extrusion design
- Supports both landscape and portrait screen orientations
- VESA 100 mm standard mounting holes for varied mounting demands
- Side groove design for integrating peripherals
- Support DeviceOn/iService software for remote device management
- Supports TPM 2.0

Introduction

UTC-515 is an all-in-one computer with an Intel® Atom N97 processor, widescreen LCD touch panel, and side grove design for integrating optional peripherals. Designed for diverse self-service, content broadcasting, and interactive signage applications, UTC-515 systems can be deployed in a wide range of usage scenarios for enhancing enhance customer satisfaction, furthering brand equity, and maximizing business profits. Advantech's DeviceOn/iServiceis a next-generation unified device management solution based on the WISE-DeviceOnplatform. Moreover, Advantech DeviceOn/iService Software is a next-generation unified device management unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn/iService enables easy device configuration and deployment for convenient remote device management

Specifications

Model		UTC-515K
System	CPU	Intel Atom N97 Intel Atom i3-N305
	Base Frequency	N97: 3.6 GHz (4 cores) i3: 3.8 GHz (8 cores)
	Cache	L3 Cache 6MB
	Memory	1 x 262 pin so DIMM DDR5-4800 up to 16GB
	SSD	1 x 2.5 internal SATA SSD bay
	I/O	2 x RJ-45, Intel i226-V (10/100/1000/2500 Mbit/s) 1 x HDMI (up to 4096 x 2160 x 24bpp@48-60Hz) 1 x USB Type C 1 x Audio Jack 2 x USB 3.0 2 x USB 2.0 2 x RS-232/422/485, max. 1Mbps 2 x Antenna port (optional)
	Stereo Speaker	2 x 2W
	Expansion	1x M.2 2280/2242 M-Key for NVMe (PCIe Gen3)/SATA SSD 1x M.2 2230 E-Key
Mechanical	Mount Options	VESA 100 x 100 mm, M4*6L
	Dimensions (W x H x D)	396.98 x 246.41 x 44 mm
	Weight	4.85 kg (10.67 lb)
Board Features	Watchdog Timer	65536 intervals, 0 ~ 65535 sec
	TPM	TPM2.0
Operating System		Windows 10/11 IoT Enterprise Android 14 Linux
Environmental	Operating Temperature	0 ~ 40 °C/32 ~ 104 ° F with 0.7 m/s air flow
	Relative Humidity	95% @ 40 °C/104 °F, non-condensing
	Shock	Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5 ~ 500Hz, 2Grms @with SSD
	EMC/Safety	CE (RED Compliance), EN 61000-6-2: 2005 /AC: 2005, FCC, UL, CB, CCC, BSMI, ErP
	Front Panel Protection	IP65 rated/NEMA4 compliant

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

Last updated: 10-Mar-2026

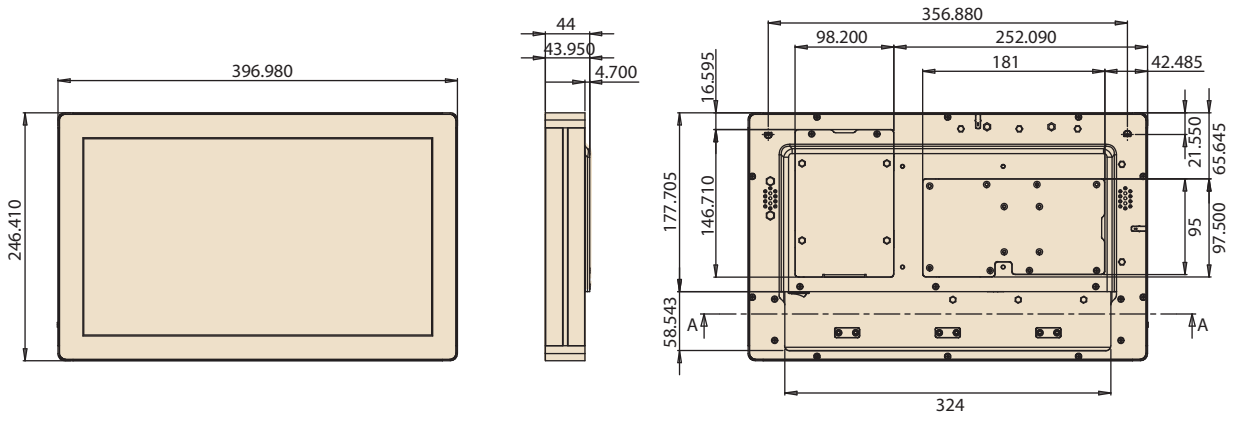
Specifications (Cont.)

Power Supply	Input Voltage	12V
	Power Consumption	Typical 40W Max 50W
	Adapter	12V, 7A (84W ITE adapter)
LCD Display	Size/Type	15.6" TFT LCD with LED backlight
	Max.Resolution	1920 x 1080
	Max. Color	262K
	Pixel Pitch (H x V)	252(H) x 252(V)
	Brightness	220 nits (Optional 400 nits)
	Viewing Angle	90°/60° (170°/170°optional)
Touchscreen (PE/RE)	Type	Projected capacitive, Single point Analog Resistive 5-wires touch
	Light Transmission	88% ± 2%
	Controller	USB interface
DeviceOn/iService Remote Device Management	Operating System	Windows 10
	Common Controls (Reboot, Shutdown)	✓
	Remote desktop	✓ (VNC)
	Audio Controls	✓*
	Connection Status	✓
	Hardware Status	✓*
	Hard Disk Status	✓*
	Batch Operation Support	✓
	OTA Storage Management	FTP
	OTA Software Updates	✓
	Software Watchlist	✓
	Software Start/Stop	✓*
*Dependant on device model	Peripherals Watchlist	✓*

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

Dimensions

Unit: mm



Ordering Information

Part Number	Description
UTC-515KP-ATB0E	15.6" 7H PCT.T/S with Intel® Atom N97, 8GB RAM, IT Adapter
UTC-515KR-ATB0E	15.6" Resi. T/S with Intel® Atom N97, 8GB RAM, IT Adapter
UTC-515KP-ATB1E	15.6" 7H PCT.T/S with I3-N305, 8GB RAM, IT Adapter
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1702002605	Power Cord 2P FRANCE 10A/16A 220V 1.83M 90D
1700000596-11	Power cable, CCC, 3P, 10A, 250V, 183 cm (China)
1700032693-11	Power cable, BSI, 2P, 10A, 250V, 180 cm (UK)
1960120429N001	I/O cover for UTC-515K

Peripherals for UTC-500 Series (by Request)

Part No.	Description
UTC-P01-A1E	5M Camera Module For UTC-5XX (USB connection)
UTC-P02-A0E	Magnet Strip Reader For UTC-5XX (USB connection)
UTC-P03-A1E	RFID Reader For UTC-5XX (USB connection)
UTC-P06-A2E	Smart Card Reader For UTC-5XX (USB connection)
UTC-P07-A4E	2D Barcode Module (Honeywell) for UTC-500 Series (USB connection)

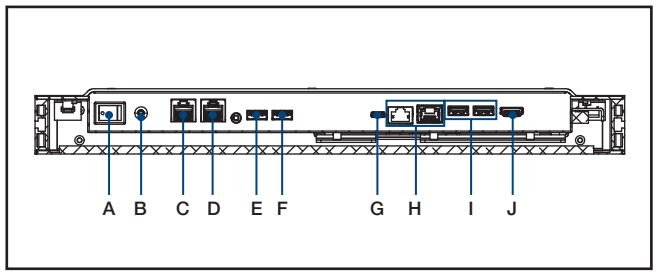
Optional Accessories (by Request)

Part No.	Description
96PD-00824	UTK-700 Desktop Stand (w/o Printer)
96PD-00825	UTK-700 Extension Tower (For 96PD-00824 only)
UTC-T01-STAND	Triangle shape floor stand
UTC-H01-STANDE	H-shaped floor stand
ARES-2424X-S170201	Table Stand,100x100/75x75
ARES-12250-L101000	Wall Mount, 75/100mm

UTC-515K WiFi Ordering Information

Part No.	Description
UTC-WIFI-A7E	AIW-170BQ, 802.11ax/ac/b/g/n, BT5.2,QCA6856, 2T2R, M.2 2230

Fully- Integrated I/O



A. Power Switch
B. DC Power Jack
C. COM 2
D. COM 1
E. Audio Jack
F. USB 2.0 x 2
G. USB type c
H. LAN Port x 2
I. USB 3.0 x 2
J. HDMI

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

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
- Software monitoring & access
- Screens, USB devices, printers

Open for Expansion
- Peripheral integration
- Open APIs for integration

Remote Access

Real-Time Monitoring
- Connection/hardware status
- Software/peripheral status
- Failure notifications

Remote Controls
- Power controls
- Audio, backlight controls
- Software controls

Troubleshooting
- Screenshots
- Remote desktop support

Operational Efficiency

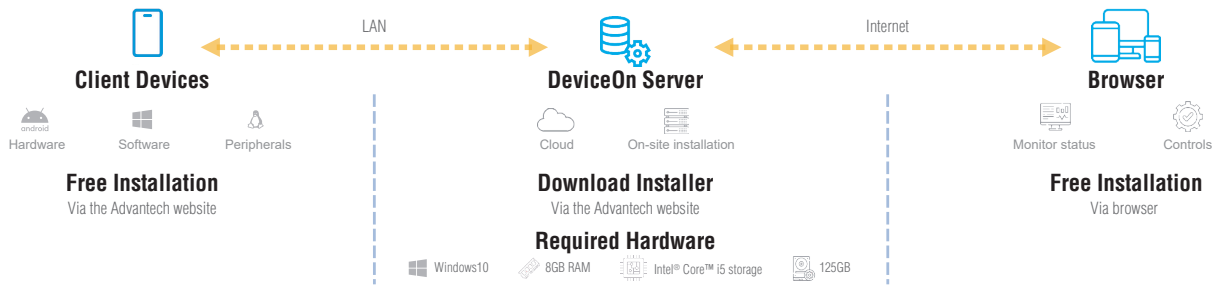
OTA updates
- System/software updates
- File repository management
- App store

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

Setup Booster
- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

System Architecture



Online Download www.advantech.com/products

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

AutoCont IPC a.s.

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

Uhlířská 1064/3, 710 00 Ostrava, Česká republika

obchod@autocont-ipc.cz +420 733 688 944 www.autocont-ipc.cz

PRŮMYSLOVÉ POČÍTAČE *fanless embedded PC, do racku, ...*

POČÍTAČE S DISPLEJEM *panelové PC, terminály, do vozidel, ...*

AUTOMATIZACE A SBĚR DAT *převodníky, karty, moduly, switche, ...*

PERIFERIE A KOMPONENTY *monitory, klávesnice, desky, skříně, ...*

NOTEBOOKY A TABLETY *odolné, windows, android, IP65, ...*

INFORMAČNÍ KIOSKY *interiérové, venkovní, ...*

MEDICÍNSKÁ TECHNIKA *počítače, tablety, LCD, klávesnice, ...*

SOFTWAROVÁ ŘEŠENÍ *pro výrobu, zaměstnance, kiosky, ...*

PŘEJÍT DO E-SHOPU *eshop.autocont-ipc.cz*

DOPRAVA ZDARMA
Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.

PRODLOUŽENÁ ZÁRUKA
Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.

ODMĚNA ZA VĚRNOST
Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obratu.

SERVIS ON-SITE A IN-TIME
K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.