

UTC-520 (IP66 / 69K)

21.5" Ubiquitous Touch Computer (IP66/69K)
UTC-520GT-ATBOE with Intel® Pentium® N4200
UTC-520FT-ATBOE with Intel® Skylake Core™ i5-6300U
UTC-520IT-ATBOE with Intel® Core™ i5-1145G7E
UTC-520JT-ATBOE with Intel® Celeron® J6412



Features

- 21.5" monitor with 16:9 widescreen display
- IP66/69K rated for full system
- Stainless chassis and Anti-corrosion enclosure
- M12 for all I/O ports
- Wide range system input rating, 11~32V
- Wide operating temperature range (-10 ~ 50 °C)
- Low power and fanless system design
- Supports both landscape and portrait screen orientations
- Full HD(1920x1080) brightness 1200 nits LCD panel(optional)
- Waterproof Wifi Solution (optional)
- Build in camera / LED indicator / Light sensor(optional)



Introduction

UTC-520 tough series 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

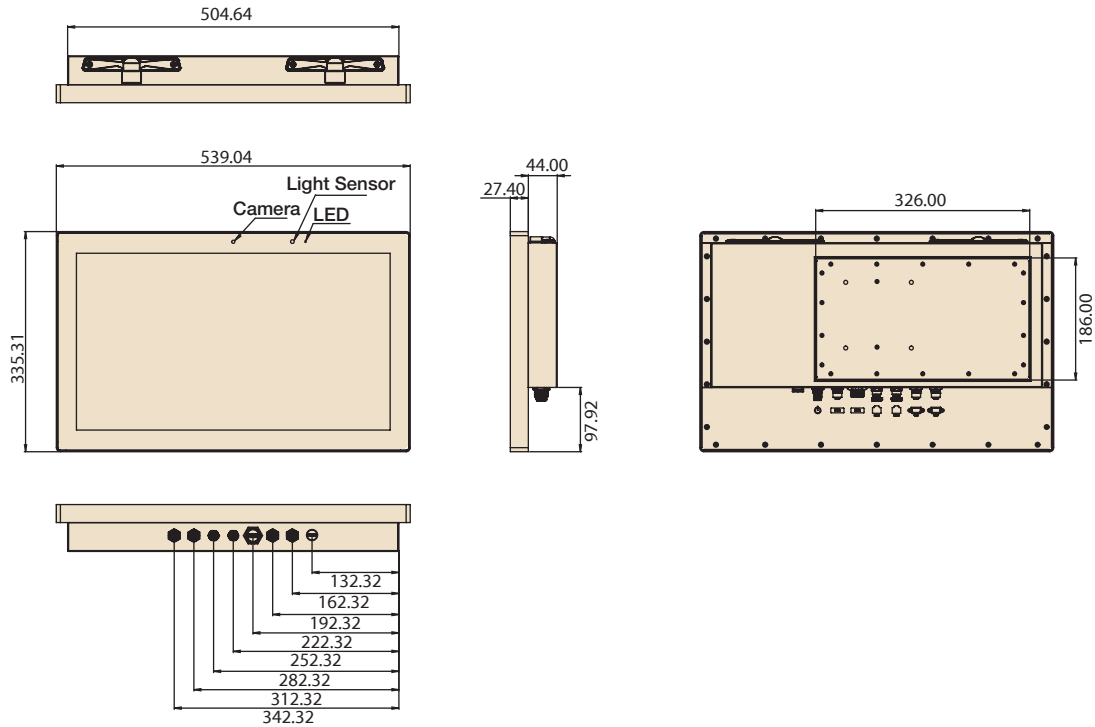
| Model | UTC-520GT-ATBOE | UTC-520IT-ATBOE | UTC-520JT-ATBOE | |
|------------------------------|--|--|--|---|
| Processor System | CPU | Intel® Pentium® N4200 | Intel® Core™ i5-1145G7E | Intel® Celeron® J6412 |
| | Base Frequency | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) | 1.50/ 2.6 GHz/ Quad Core | 2.0GHz |
| | Cache | L2 Cache 2MB | L3 Cache 8MB | 1.5 MB L2 Cache |
| | Memory | 1 x 204 pin SO-DIMM DDR3L 1867 MHz up to 8GB | 2 x 260 pin SO-DIMM DDR4-3200 up to 64GB | DDR4-3200 up to 32GB |
| | HDD | 1 x 2.5 internal SATA HDD bay | | |
| | Network (LAN) | 2 x Gigabit Ethernet ports (Supports Wake on LAN) | | |
| | I/O ports | 2 x RS-232 COM (RS-422/485)* 2 x USB 2.0/ 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) (M12 waterproof connector) | | |
| | Bus expansion | Full-size MiniPCIe / M.2 | 1 x M.2 E-Key 2230 (PCIe x1, USB2.0, I2C) 1 x M.2 B-Key 3042 (USB2.0) w/ Nano-SIM 1 x M.2 M-Key 2280 (PCIe x4 Gen.4 for PCIe SSD), optional SATA | 1x E-Key for wireless module (Type: 2230) optional B-Key for LTE module 1x M-Key support SATA M.2 2242 module |
| | Speaker | 2x3W | | |
| | Mounting | VESA 100 x 100 mm | | |
| Dimensions (W x H x D) | 540 x 336 x 70 mm | | | |
| Weight | 10.5 kg (23.14lbs) | | | |
| OS Support | Win 10 IoT Enterprise Android 8.1 Linux Ubuntu 18.04 | Win 10 IoT Enterprise Android | Win 10 IoT Enterprise Android | |
| | Operating Temperature | -10 ~ 50 °C | | |
| Environmental Specifications | Relative Humidity | 95% @ 40 °C/104 °F, non-condensing | | |
| | Vibration | 0.5G | | |
| | Shock | 5G peak acceleration (11 msec. duration) | | |
| | EMC/ Safety | CE, FCC, UL, CB | | |
| | System Protection | IP66/69K full system | | |
| Power Supply | System input rating | 11V-32V | | |
| | Adapter | 24V / 5A | | |
| | Power consumption | Typical 35W Max. 70W | | |
| LCD Display | Size/Type | 21.5" TFT LCD with LED backlight | | |
| | Max.Resolution | 1920 x 1080 | | |
| | Max. Color | 16.7M | | |
| | Pixel Pitch (um) | 248.25 (H) x 248.25 (V) | | |
| | Brightness (cd/m²) | 250 Nits, Optional 500 and 1200 Nits Panel | | |
| | View Angle | 178°/178° | | |
| | Camera | Optional | | |
| Light Sensor w LED Indicator | Optional | | | |
| Touch Screen Option (PE/GE) | Type | Projected Capacitive. Glass Panel (7H Hardness) | | |
| | Cover Glass Surface Treatment | Optional (AR / AG / Vandal Proof) | | |
| | Light Transmission | 88% ± 2% | | |
| | Controller | USB Interface | | |

UTC-520 (IP66/69K)

Dimensions

Unit: mm

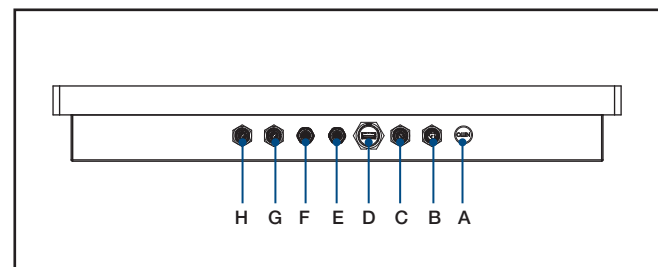
UTC-520GT-ATB0E



Ordering Information

| Part No. | Description |
|-----------------|---|
| UTC-520GT-ATB0E | 21.5" PCT.T/S with Pentium N4200, 4GB RAM, 64G SSD, IP66/69K M12 connector AC 100-240Vac/DC output 24V, 5A adapter |
| UTC-520IT-ATB0E | 21.5" PCT.T/S with i5-1145G7E, 8GB RAM, 128G SSD, IP66/69K M12 connector AC 100-240Vac/DC output 24V, 5A adapter |
| UTC-520JT-ATB0E | 21.5" PCT.T/S with Intel® Celeron® J6412, 8GB RAM, 64GSSD, IP66/69K M12 connector AC 100-240Vac/DC output 24V, 5A adapter |
| 1702002605 | Power cord 2P FRANCE 10A/16A 220V 1.83M 90D |
| 1702002600 | Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D |
| 170000596 | Power Cord (China) CCC,10A 250V, 3P 1.83M |
| 1700018704 | Power Cord UK BSI 2P 10A 250V 1.8M 18AWG |
| Y5A0520000 | Cable M-DIN 4P(F)/waterproof 5P 1M |
| Y5A0520001 | A cable RJ45-8P8C/waterproof 8P 1M |
| Y5A0520002 | M cable waterproof /USB-A 4P*2 1M |
| Y5A0520003 | M Cable USB-A 9P(F)/Waterproof USB 9P(M) 1M |
| Y5A0520004 | M Cable 1*9 P D-SUB/waterproof 10P 1M |

Fully- Integrated I/O (UTC-520 IP66/69K)



- A. Exhaust Valve
- B. Power Connector
- C. USB 2.0 x 2
- D. USB 3.0 x 1
- E. LAN 1
- F. LAN 2
- G. COM 1
- H. COM 2

DeviceOn/iService

Unified Remote Device Management Software



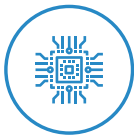
Features

- 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

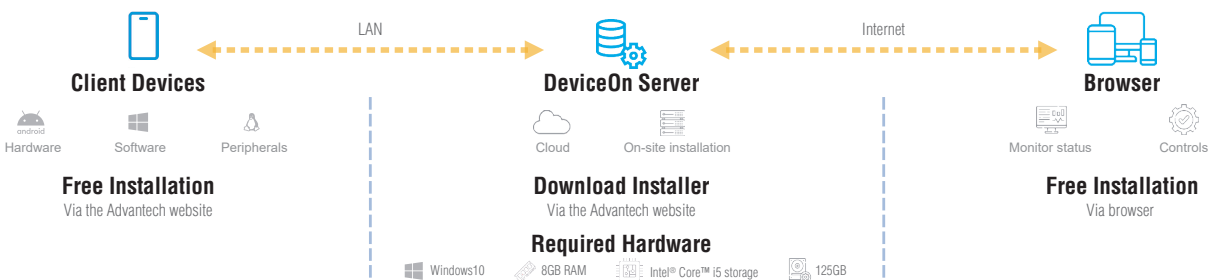


Setup Booster

- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

System Architecture



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

 +420 552 301 002

 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, ...



SOFTWAREVÁ 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 obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.