

DATENBLATT

UTC-500-Serie

HABEN SIE FRAGEN ODER WÜNSCHEN SIE EIN INDIVIDUELLES ANGEBOT?

Unser Team berät Sie gerne persönlich.

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ADRESSE

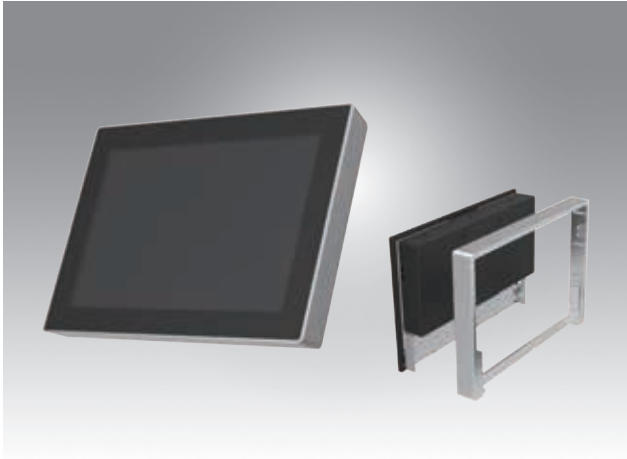
Am Sonnenlicht 5

D-82239 Alling bei München



UTC-510

10.1" Ubiquitous Touch Computer
UTC-510D with Intel® Atom® E3825 & Celeron® J1900
UTC-510G with Intel® Celeron® N3350 & Pentium® N4200



Features

- Low Power & Fanless design
- Built-in Intel® Atom® E3825/Celeron® J1900 (UTC-510D)
- Built in Intel® Celeron® N3350/Pentium® N4200 (UTC-510G)
- Providing Natural Viewing Experience with 16:10 10.1" Display
- Landscape & Portrait screen mode support by different applications
- VESA 75 mm standard mounting holes for varied mounting demands
- Detachable plastic frame design for panel mount applications



Introduction

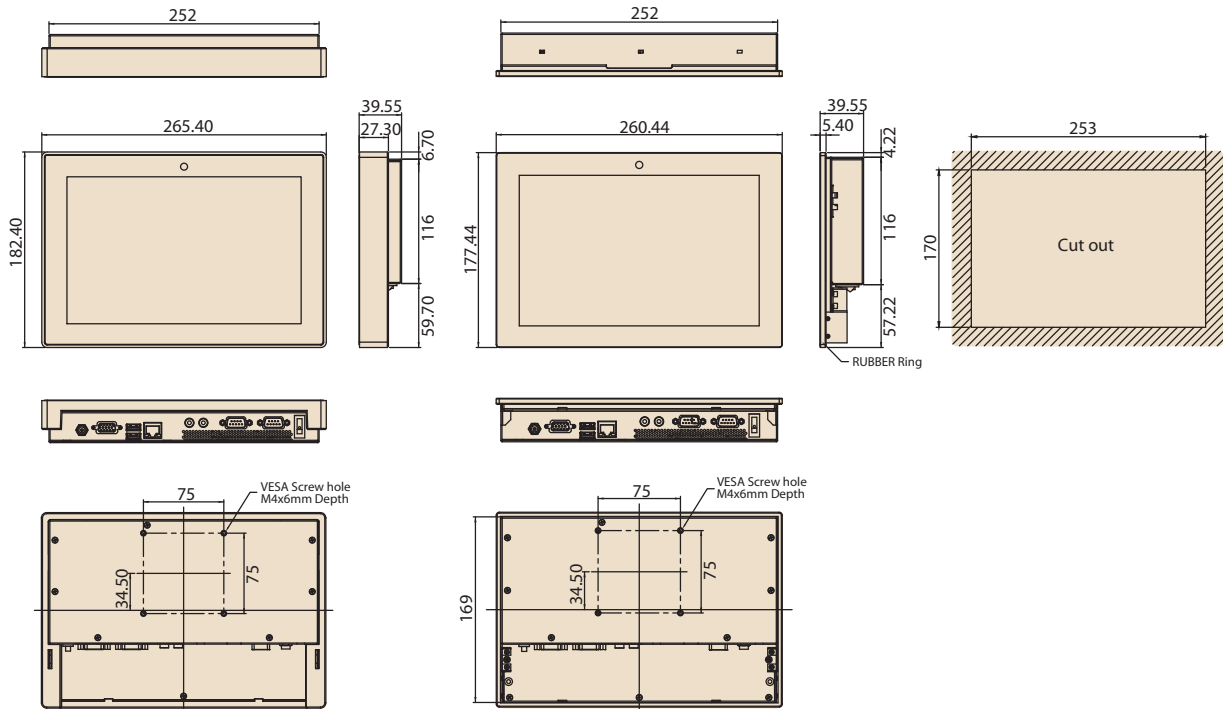
UTC-510 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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

| | CPU | Intel® Atom® E3825 (UTC-510D) | Intel® Celeron® J1900 (UTC-510D) | Intel® Celeron® N3350 (UTC-510G) | Intel® Pentium® N4200 (UTC-510G) | |
|------------------------------|---------------------------------|---|--|---------------------------------------|--|--|
| Processor System | Base Frequency | 1.33 GHz (Dual-Core) | 2 GHz (Quad-Core) | 1.10 GHz (Dual-Core) | 1.10 GHz (Quad-Core) | |
| | Cache | L2 Cache 1MB | L2 Cache 2MB | L2 Cache 2MB | L2 Cache 2MB | |
| | Memory | 1 x SO-DIMM DDR3L 1066 MHz up to 8 GB | 1 x SO-DIMM DDR3L 1333 MHz up to 8 GB | 1 x SO-DIMM DDR3L 1866 MHz up to 8 GB | | |
| | HDD | 1 x 2.5 internal SATA HDD bay | | | | |
| | Network (LAN) | 1 x Gigabit Ethernet ports (Supports Wake on LAN) | | | | |
| | I/O ports | 2 x RS-232 COM (COM1 RS-422/485 supported)* 1 x USB 2.0 / 1 x USB 3.0 / 2 x USB 2.0 (optional)* | | | 2 x RS-232 COM (COM1 RS-422/485 supported)* 2 x USB 3.0 / 2 x USB 2.0 (optional)* | |
| | | 1 x Gigabit Ethernet (RJ-45) 1 x VGA Audio Line-out x 1, Mic-in x 1 | | | 1 x Gigabit Ethernet (RJ-45) 1 x VGA Audio Line-out x 1, Mic-in x 1 | |
| | Stereo Speaker | 2 W x 1 | | | | |
| | Bus expansion | 1 Half size MiniPCIe 1 Half size mSATA | | | 1 Full size MiniPCIe 1 Half size mSATA | |
| | | Mounting | VESA 75 x 75 mm | | | |
| | Dimensions (W x H x D) | 265.40 x 182.40 x 39.55 mm | | | | |
| | Weight | 1.80 kg (3.97 lbs) | | | | |
| | OS Support | WES7P 32/64bit WES7E 32bit Windows Pro Embedded 7 Pro 32/64bit WE8S 32bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise 64bit Linux Ubuntu 16.04 Android 4.4 | | | Window 10 IoT Enterprise Linux Ubuntu 16.04 Android 6.0 | |
| Front Panel Protection | IP 65 Compliant | | | | | |
| Environmental Specifications | Operating Temperature | 0 - 40° C (32 - 104° F) | 0 - 35° C (32 - 95° F) | 0 - 40° C (32 - 104° F) | | |
| | Relative Humidity | 10 - 95% @ 40° C non-condensing | | | | |
| | Vibration | 1Grms | | | | |
| | Shock | 5G peak acceleration (11 msec. duration) | | | | |
| | Certification | CE, FCC, CB, UL, CCC, BSMI | | | | |
| Power Supply | Input Rating | 12 V/3 A (36W ITE Adapter) | | | | |
| | Power consumption | Typical 10W Max. 20W | | | | |
| LCD Display | Size/Type | 10.1" TFT LCD with LED backlight | | | | |
| | Max. Resolution | 1280 x 800 | | | | |
| | Max. Color | 16.7M | | | | |
| | Pixel Pitch (um) | 169.5 x 169.5 | | | | |
| | Brightness (cd/m ²) | 350 | | | | |
| | View Angle | 170 / 170 | | | | |
| Touch Screen Option (PE/GE) | Camera | 5 Mega Pixel (Optional) | | | | |
| | Type | Projected Capacitive. Glass Panel | | | | |
| | Light Transmission | 80% ± 5% / 90% | | | | |
| Controller | USB Interface / - | | | | | |

Dimensions

Unit: mm



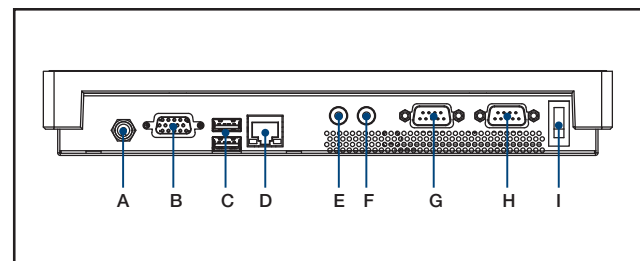
Ordering Information

| Part No. | Description |
|-----------------|--|
| UTC-510DP-ATB0E | 10.1" Intel Atom E3825 Based fanless UTC with PCT.T/S 2GB RAM |
| UTC-510DG-ATB0E | 10.1" Intel Atom E3825 Based fanless UTC with Glass 2GB RAM |
| UTC-510DP-ATB1E | 10.1" Intel Celeron J1900 Based fanless UTC with PCT.T/S 2GB RAM |
| UTC-510GP-ATB0E | 10.1" Intel Celeron N3350 Based fanless UTC with PCT.T/S 2GB RAM |
| UTC-510GG-ATB0E | 10.1" Intel Celeron N3350 Based fanless UTC with Glass 2GB RAM |
| UTC-510GP-ATB1E | 10.1" Intel Pentium N4200 Based fanless UTC with PCT.T/S 2GB RAM |
| UTC-510GG-ATB1E | 10.1" Intel Pentium N4200 Based fanless UTC with Glass 2GB RAM |
| 1700001524 | Power Cord 3P UL 10A 125V 180cm |
| 170203180A | Power Cord 3P UK 2.5A/3A 250V 1.83M |
| 170203183C | Power Cord 3P Europe (WS-010+WS-083)183cm |
| 1700021374-01 | Power Cord 3P CCC 2.5A 250V 250cm (IEC60320-C5) |
| 1960073820N001 | IO Cover UTC-510 |
| 1931031500 | Screws for IO Cover UTC-510(*2) |

Peripherals for UTC-510 series

| Part No. | Description |
|---------------|---|
| UTC-510P-F01E | Finger Print Reader For UTC-510 (USB connection) |
| UTC-510P-R01E | RFID Reader For UTC-510 (USB connection) |
| UTC-510P-B03E | 2D Barcode Scanner - Honeywell N3680 for UTC-510 (USB connection) |
| UTC-510P-M01E | Magnet Strip Reader For UTC-510 (USB connection) |

Fully- Integrated I/O



- A. DC Power jack
- B. VGA
- C. USB 3.0 X 1, USB 2.0 x 1 (for UTC-510D)
USB 3.0 X 2 (for UTC-510G)
- D. LAN Ports
- E. MIC-in
- F. Line-out
- G. COM 2
- H. COM 1
- I. Power switch

Installation Accessory

| Part No. | Description |
|------------------|------------------------------------|
| UTC-WALL-MOUNT1E | Wall Mount kit for UTC-520/515/510 |
| UTC-WALL-MOUNT4E | UTC-510 VESA mount (75 x 75) |
| UTC-S03-STANDE | UTC 75*75 mm Desktop Stand |
| UTC-510-STANDE | UTC-510 desktop stand |
| 1960074091N000 | UTC-510 Panel Mount Clamper (*4) |
| 1930005598 | UTC-510 Panel Mount Screw (*4) |

UTC-515

15.6" Ubiquitous Touch Computer UTC-515G with Intel® Pentium® N4200 UTC-515F with Intel® Core™ i3-6100U UTC-515E with Intel® Core™ i5-4300U



Features

- Low power and fanless system design
- Built-in Intel® Pentium® N4200 (UTC-515G)
- Built-in Intel® Core™ i3-6100U (UTC-515F)
- Built-in Intel® Core™ i5-4300U (UTC-515E)
- 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 flexible peripheral installation



Introduction

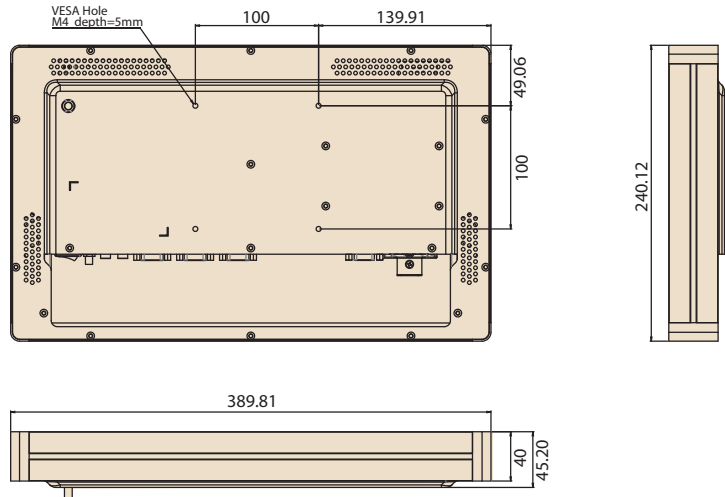
UTC-515 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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

| | CPU | Intel® Pentium® N4200 (UTC-515G) Intel® Atom® E3950 (Available)* | Intel® Core™ i3-6100U (UTC-515F) | Intel® Core™ i5-4300U (UTC-515E) Intel® Core™ i3-4010U (Available)* Intel® Celeron 2980U (Available)* |
|-----------------------------------|--|---|---|---|
| Processor System | Base Frequency | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) | 2.3 GHz (Dual-Core) | 1.9 GHz (Dual-Core) |
| | Cache | L2 Cache 2MB | L3 Cache 3MB | L3 Cache 3MB |
| | Memory | 1 x SO-DIMM DDR3L 1867 MHz | 2 x SO-DIMM DDR3L 1600 MHz up to 16GB | 1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB |
| | 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 / 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) | | |
| | | 1 x VGA 1 x HDMI Audio Line-out x 1, Mic-in x 1 | | |
| | | Stereo Speaker 1 W x 2 | | |
| | Bus expansion | Full-size MiniPCIe/mSATA | | |
| | Mounting | VESA 100 x 100 mm | | |
| Dimensions (W x H x D) | 389.81 x 240.12 x 45.20 (mm) | | | |
| Weight | 4.85 kg (10.67 lb) | | | |
| OS Support | Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | |
| Environmental Specifications | Operating Temperature | 0 ~ 40° C (32 ~ 104° F) | | |
| | Relative Humidity | 10 ~ 95% @ 40° C non-condensing | | |
| | Vibration | 0.5G | | |
| | Shock | 5G peak acceleration (11 msec. duration) | | |
| | Certification | CE, FCC, CB, UL, CCC, BSMI | | |
| Front Panel Protection | IP65/ NEMA4 Compliant | | | |
| Power Supply | Input Rating | 12 V/5 A (60 W ITE Adapter) | | |
| | Power consumption | Typical 35W Max. 40W | Typical 40W Max. 50W | |
| LCD Display | Size/Type | 15.6" TFT LCD with LED backlight | | |
| | Max.Resolution | 1366 x 768 (FHD 1920 x 1080 Optional) | | |
| | Max. Color | 16.7M | | |
| | Pixel Pitch (um) | 252 x 252 | | |
| | Brightness (cd/m²) | 400 | | |
| View Angle | 170°/160° | | | |
| Touch Screen Option (PE/RE/GE) | Type | Projected Capacitive. Analog Resistive 5-wires / Glass Panel | | |
| | Light Transmission | 90% ± 2% / 80% ± 5% / 90% | | |
| | Controller | USB Interface / USB Interface / - | | |

Dimensions

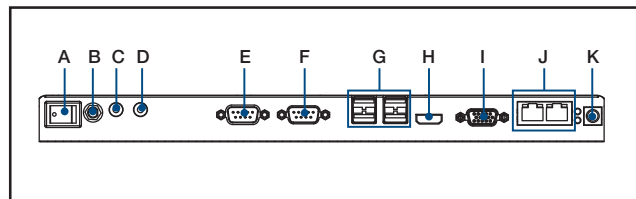
Unit: mm (inch)



Ordering Information

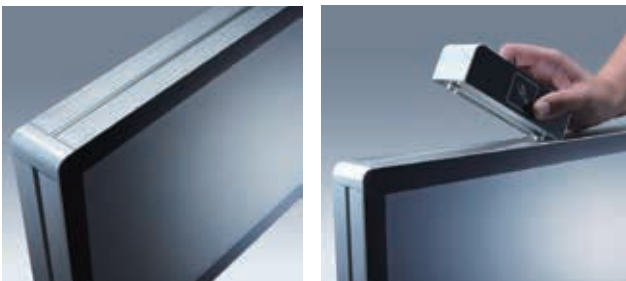
| Part No. | Description |
|-----------------|---|
| UTC-515GP-ATBOE | 15.6" Intel® Pentium® N4200 Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-515GR-ATBOE | 15.6" Intel® Pentium® N4200 Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-515GG-ATBOE | 15.6" Intel® Pentium® N4200 Based fanless UTC with Glass. 4 GB RAM |
| UTC-515FR-ATBOE | 15.6" Intel® Core™ i3-6100U Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-515F-PE | 15.6" Intel® Core™ i3-6100U Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-515FG-ATBOE | 15.6" Intel® Core™ i3-6100U Based fanless UTC with Glass. 4 GB RAM |
| UTC-515E-RE | 15.6" Intel® Core™ i5-4300U Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-515E-PE | 15.6" Intel® Core™ i5-4300U Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-515E-GE | 15.6" Intel® Core™ i5-4300U Based fanless UTC with Glass. 4 GB 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 |
| 1960060674N001 | IO Cover for UTC-515 series |

Fully- Integrated I/O



- A. Power switch
- B. Antenna Port
- C. Line-out
- D. Mic-in
- E. COM2
- F. COM1
- G. USB 3.0 x 2, USB 2.0 x 2
- H. HDMI
- I. VGA
- J. LAN Ports x 2
- K. DC Input

Side groove design for Flexible peripheral device



Peripherals for UTC-500 series

| 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-A0E | RFID Reader For UTC-5XX (USB connection) |
| UTC-P06-A0E | Smart Card Reader For UTC-5XX (USB connection) |
| UTC-P07-A1E | 1D/2D Barcode Reader For UTC-5XX (USB Connection) |
| UTC-P09-A0E | Fingerprint reader for UTC-5xx (USB connection) |
| UTC-P21-A0E | 4 in 1 Modules Barcode reader + RFID + Card reader + MSR |

Installation Accessory

| Part No. | Description |
|------------------|--|
| UTK-500F-A0E | Floor stand with SNBC BTP-U81 thermal printer (for China only) |
| UTK-500S-A0E | Floor stand without thermal printer |
| UTK-500G-A0E | Floor stand with thermal printer bracket |
| UTC-520-STAND1E | Desktop stand for UTC-515/520 |
| UTC-H01-STANDE | H-shaped floor stand |
| UTC-S01-STAND | Desk Stand for 100 X 100 / 75 X 75 mm |
| UTC-T01-STANDE | Triangle shape floor stand |
| UTC-WALL-MOUNT1E | Wall Mount kit for UTC-515/520 |
| UTC-WALL-MOUNT3E | Wall Mount kit for UTC-515/520 |

UTC-520

21.5" Ubiquitous Touch Computer UTC-520G with Intel® Pentium® N4200 UTC-520F with Intel® Core™ i5-6300U UTC-520E with Intel® Core™ i5-4300U



Features

- Low power and fanless system design
- Built-in Intel® Pentium® N4200 (UTC-520G)
- Built-in Intel® Core™ i5-6300U (UTC-520F)
- Built-in Intel® Core™ i5-4300U (UTC-520E)
- 21.5" 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 flexible peripheral installation



Introduction

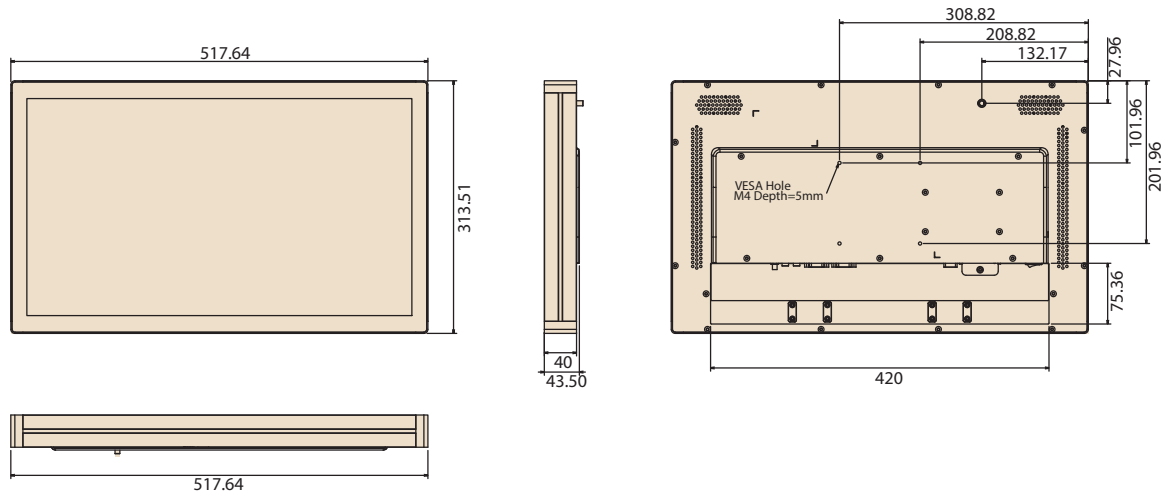
UTC-520 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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

| | | | | | |
|-----------------------------------|------------------------|---|--|--|--|
| Processor System | CPU | Intel® Pentium® N4200 (UTC-520G) Intel® Atom® E3950 (Available)* | Intel® Core™ i5-6300U (UTC-520F) | Intel® Core™ i5-4300U (UTC-520E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)* | |
| | Base Frequency | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) | 2.4GHz (Dual-Core) | 1.9 GHz (Dual-Core) | |
| | Cache | L2 Cache 2MB | L3 Cache 3MB | L3 Cache 3MB | |
| | Memory | 1 x SO-DIMM DDR3L 1867 MHz | 2 x SO DIMM DDR3L 1600MHz up to 16 GB | 1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB | |
| | HDD | 1 x 2.5 internal SATA HDD bay | | 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 USB2.0 / 2 x USB3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & 1 x HDMI Audio Line-out x 1, Mic-in x 1 | | 2 x RS-232 COM (RS-422/485)* 2 x USB 2.0 / 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1, Mic-in x 1 | |
| | | Stereo Speaker | 3 W x 2 | | |
| | Bus expansion | Full-size MiniPCIe/mSATA | | | |
| | Mounting | VESA 100 x 100 mm | | | |
| | Dimensions (W x H x D) | 517.64 x 313.51 x 43.50 (mm) | | | |
| | Weight | 8 kg (17.6 lb) | | | |
| OS Support | | Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | |
| | | | | | |
| Environmental Specifications | Operating Temperature | 0 ~ 40° C (32 ~ 104° F) | | | |
| | Relative Humidity | 10 ~ 95% @ 40° C non-condensing | | | |
| | Vibration | 0.5G | | | |
| | Shock | 5G peak acceleration (11 msec. duration) | | | |
| | EMC/ Safety | CE, FCC, UL, CB, CCC, BSMI | | | |
| Front Panel Protection | IP65/ NEMA4 Compliant | | | | |
| Power Supply | Input Rating | 12 V/5 A (60 W ITE Adapter) | | 12 V/7 A (84 W ITE Adapter) | |
| | Power consumption | Typical 40W Max. 50W | | Typical 45W Max. 65W | |
| 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 (Optional 400) | | | |
| | View Angle | 178°/178° | | | |
| Touch Screen Option (PE/RE/GE) | Type | Projected Capacitive. Analog Resistive 5-wires / Glass Panel | | | |
| | Light Transmission | 90% ± 2% / 80% ± 5% / 90% | | | |
| | Controller | USB Interface / USB Interface / - | | | |

Dimensions

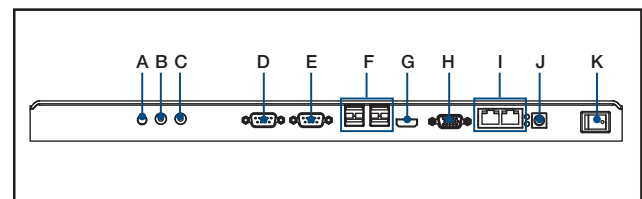
Unit: mm



Ordering Information

| Part No. | Description |
|-----------------|---|
| UTC-520GP-ATBOE | 21.5" Intel® Pentium® N4200 Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-520GR-ATBOE | 21.5" Intel® Pentium® N4200 Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-520GG-ATBOE | 21.5" Intel® Pentium® N4200 Based fanless UTC with Glass. 4 GB RAM |
| UTC-520FR-ATBOE | 21.5" Intel® Core™ i5-6300U Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-520F-PE | 21.5" Intel® Core™ i5-6300U Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-520E-RE | 21.5" Intel® Core™ i5-4300U Based fanless UTC with Resi.T/S. 4 GB RAM |
| UTC-520E-PE | 21.5" Intel® Core™ i5-4300U Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-520E-GE | 21.5" Intel® Core™ i5-4300U Based fanless UTC with Glass. 4 GB 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 |
| 1960069544N001 | IO Cover for UTC-520 series |

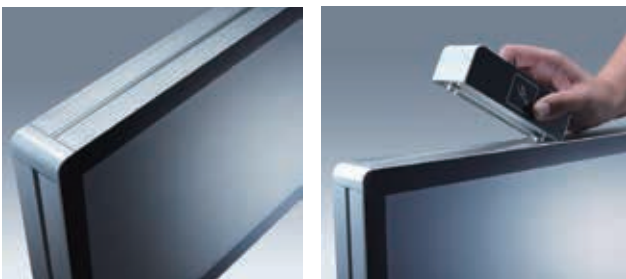
Fully- Integrated I/O



- A. Antenna Port
- B. Line-out
- C. Mic-in
- D. COM2
- E. COM1
- F. USB 3.0 x 2, USB 2.0 x 2
(USB 3.0 x 1, USB 2.0 x 3 for UTC-520D)
- G. HDMI
- H. VGA
- I. LAN Ports x 2
- J. DC Input
- K. Power switch

Peripherals for UTC-500 series

Side groove design for Flexible peripheral device



| 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-A0E | RFID Reader For UTC-5XX (USB connection) |
| UTC-P06-A0E | Smart Card Reader For UTC-5XX (USB connection) |
| UTC-P07-A1E | 1D/2D Barcode Reader For UTC-5XX (USB Connection) |
| UTC-P09-A0E | Fingerprint reader for UTC-5xx (USB connection) |
| UTC-P21-A0E | 4 in 1 Modules Barcode reader + RFID + Card reader + MSR |

Installation Accessory

| Part No. | Description |
|------------------|--|
| UTK-500F-A0E | Floor stand with SNBC BTP-U81 thermal printer (for China only) |
| UTK-500S-A0E | Floor stand without thermal printer |
| UTK-500G-A0E | Floor stand with thermal printer bracket |
| UTC-520-STAND1E | Desktop stand for UTC-515/520 |
| UTC-H01-STANDE | H-shaped floor stand |
| UTC-S01-STAND | Desk Stand for 100 X 100 / 75 X 75 mm |
| UTC-T01-STANDE | Triangle shape floor stand |
| UTC-WALL-MOUNT1E | Wall Mount kit for UTC-515/520 |
| UTC-WALL-MOUNT3E | Wall Mount kit for UTC-515/520 |

UTC-532

32" Ubiquitous Touch Computer UTC-532G with Intel® Pentium® N4200 UTC-532F with Intel® Core™ i5-6300U UTC-532E with Intel® Core™ i5-4300U



Features

- High Performance and fanless system design
- Built in Intel® Pentium® N4200 (UTC-532G)
- Built in Intel® Core™ i5-6300U (UTC-532F)
- Built in Intel® Core™ i5-4300U (UTC-532E)
- 31.5" 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 200 mm standard mounting holes for varied mounting demands
- Side groove design for flexible peripheral installation



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.

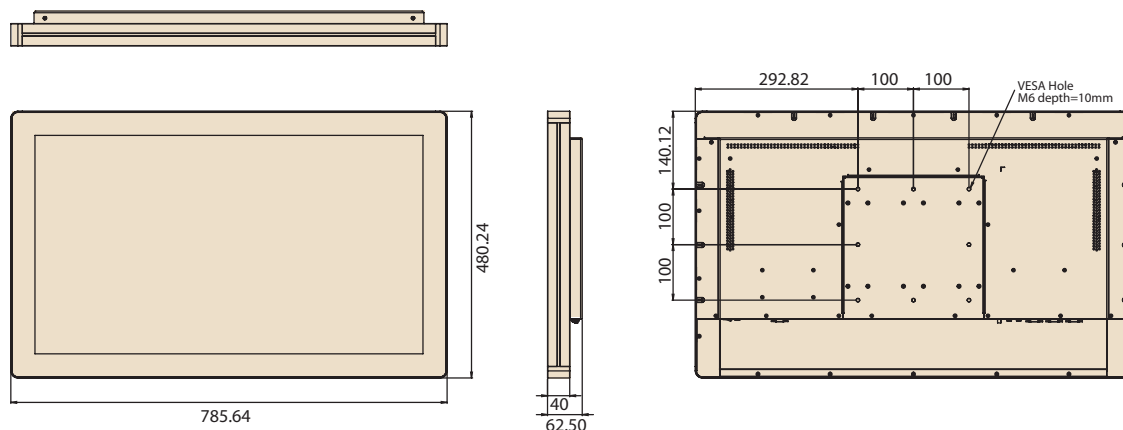
Specifications

| | | | | | |
|------------------------------|--|---|--|--|--|
| Processor System | CPU | Intel® Pentium® N4200 (UTC-532G) Intel® Atom® E3950 (Available)* | Intel® Core™ i5-6300U (UTC-532F) | Intel® Core™ i5-4300U (UTC-532E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)* | |
| | Base Frequency | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) | 2.4GHz (Dual-Core) | 1.9 GHz (Dual-Core) | |
| | Cache | L2 Cache 2MB | L3 Cache 3MB | L3 Cache 3MB | |
| | Memory | 1 x SO-DIMM DDR3L 1867 MHz | 2 x SO DIMM DDR3L 1600MHz up to 16 GB | 1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB | |
| | HDD | 1 x 2.5 internal SATA HDD bay | | 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 USB2.0/2 x USB3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & 1 x HDMI Audio Line-out x 1, Mic-in x 1 | | 2 x RS-232 COM (RS-422/485)* 2 x USB 2.0 / 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1, Mic-in x 1 | |
| | | Stereo Speaker 3 W x 2 | | | |
| | Bus expansion Full-size MiniPCIe/mSATA | | | | |
| | Dimensions (W x H x D) | | 785.64 x 480.24 x 62.50 mm | | |
| Weight | | 18 kg (39.6 lb) | | | |
| OS Support | Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04 | | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | |
| | | | | | |
| Environmental Specifications | Operating Temperature | 0 ~ 40° C (32 ~ 104° F) | | | |
| | Relative Humidity | 10 ~ 95% @ 40° C non-condensing | | | |
| | Vibration | 0.5G | | | |
| | Shock | 5 G peak acceleration (11 msec. duration) | | | |
| | Certification | CE, FCC, UL, CB, CCC, BSMI | | | |
| Front Panel Protection | | IP65/ NEMA4 Compliant | | | |
| Power | Input Rating | 100-240V _{ac} ~ 50/60Hz 2.5A | | | |
| | Power consumption | Typical 95W Max. 105W | | | |
| LCD Display | Size/Type | 32" TFT LCD with LED backlight | | | |
| | Max. Resolution | 1920 x 1080 | | | |
| | Max. Color | 16.7 M | | | |
| | Pixel Pitch (mm) | 0.36375 (H) x 0.36375 (W) | | | |
| | Brightness (cd/m ²) | 300 | | | |
| View Angle | | 178°/178° | | | |
| Touch Screen (PE/GE) | Type | Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel (No touch function) | | | |
| | Light Transmission | 90% ± 2% / 90% | | | |
| | Controller | USB Interface / - | | | |

UTC-532G UTC-532F UTC-532E

Dimensions

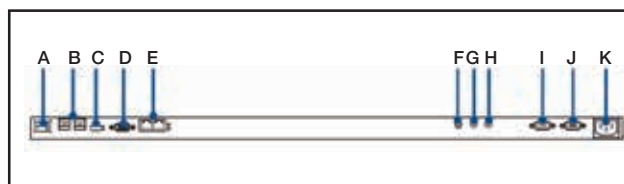
Unit: mm



Ordering Information

| Part No. | Description |
|-----------------|--|
| UTC-532GP-ATB0E | 31.5" Intel® Pentium® N4200 Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-532D-PE | 32" Intel® Celeron® J1900 Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-532D-GE | 32" Intel® Celeron® J1900 Based fanless UTC with Glass. 4 GB RAM |
| UTC-532E-PE | 32" Intel® Core™ i5-4300U Based fanless UTC with PCT.T/S. 4 GB RAM |
| UTC-532E-GE | 32" Intel® Core™ i5-4300U Based fanless UTC with Glass. 4 GB 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 |

Fully- Integrated I/O



- A. Power switch
- B. USB 3.0 x 2, USB 2.0 x 2
(USB 3.0 x 1, USB 2.0 x 3 for UTC-532D)
- C. HDMI
- D. VGA
- E. LAN Port x 2
- F. Antenna Port
- G. Line-out
- H. Mic-in
- I. COM2
- J. COM1
- K. AC Power

Side groove design for Flexible peripheral device



Peripherals for UTC-500 series

| 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-A0E | RFID Reader For UTC-5XX (USB connection) |
| UTC-P06-A0E | Smart Card Reader For UTC-5XX (USB connection) |
| UTC-P07-A1E | 1D/2D Barcode Reader For UTC-5XX (USB Connection) |
| UTC-P09-A0E | Fingerprint reader for UTC-5xx (USB connection) |
| UTC-P21-A0E | 4 in 1 Modules Barcode reader + RFID + Card reader + MSR |

Installation Accessory

| Part No. | Description |
|------------------|--|
| UTK-500F-A0E | Floor stand with SNBC BTP-U81 thermal printer (for China only) |
| UTK-500S-A0E | Floor stand without thermal printer |
| UTK-500G-A0E | Floor stand with thermal printer bracket |
| UTC-520-STAND1E | Desktop stand for UTC-515/520 |
| UTC-H01-STANDE | H-shaped floor stand |
| UTC-S01-STAND | Desk Stand for 100 X 100 / 75 X 75 mm |
| UTC-T01-STANDE | Triangle shape floor stand |
| UTC-WALL-MOUNT1E | Wall Mount kit for UTC-515/520 |
| UTC-WALL-MOUNT3E | Wall Mount kit for UTC-515/520 |

UTC-542

42.5" Ubiquitous Touch Computer UTC-542D with Intel® Celeron® J1900* UTC-542F with Intel® Core™ i5-6300U UTC-542G with Intel® Pentium® N4200



Features

- Low Power, High Performance and fanless system design
- Built-in Intel® Celeron® J1900 (UTC-542D)
- Built-in Intel® Core™ i5-6300U (UTC-542F)
- Built-in Intel® Pentium® N4200 (UTC-542G)
- 42.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Supports both landscape and portrait screen orientations
- Side groove design for flexible peripheral installation
- Dual hot-swappable HDD/SSD slots with RAID 0/1 support
- Optional mirror coating to support smart mirror applications



Introduction

UTC-542 features an extra slim border all-in-one computing system equipped with wide format, touch based and mirror coating LCD panel. It is easy to integrate key peripherals 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

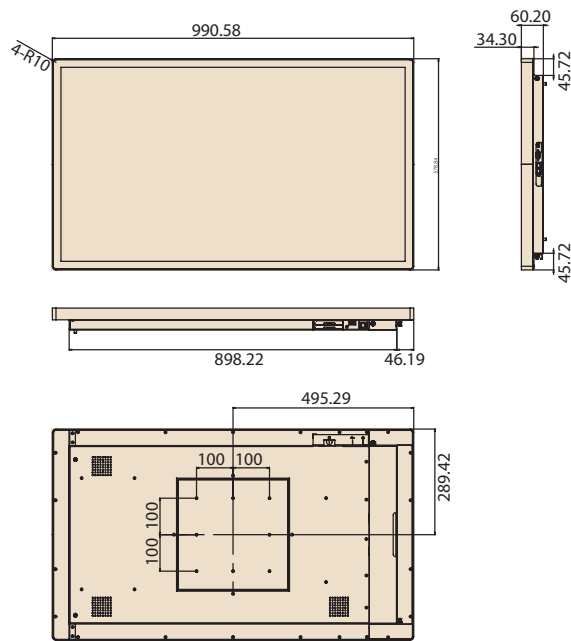
| | | | | |
|------------------------------|---------------------------------|--|---|---|
| Processor System | CPU | Intel® Celeron® J1900 (UTC-542D) | Intel® Core™ i7-6600U (Available)* Intel® Core™ i5-6300U (UTC-542F) Intel® Core™ i3-6100U (Available)* | Intel® Pentium® N4200 (UTC-542G) Intel® Atom® E3950 (Available)* |
| | Base Frequency | 2 GHz (Quad-Core) | 2.4 GHz (Dual-Core) | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) |
| | Cache | 2 MB | 3 MB | L2 Cache 2MB |
| | Memory | 1 x SO-DIMM DDR3L 1333 MHz up to 8 GB | 2 x SO-DIMM DDR3L 1600MHz up to 16G | 1 x SO-DIMM DDR3L 1867 MHz |
| | HDD/SSD | Dual hot-swappable HDD/SSD slots with RAID 0,1 support | | |
| | Network (LAN) | 2 x Gigabit Ethernet ports | | |
| | I/O Ports | 2 x RS-232 COM (RS-422/485)* 4 x USB 2.0 / 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA 1 x HDMI | 2 x RS-232 COM (RS-422/485)* 3 x USB 2.0 / 2 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA 1 x HDMI | |
| | Stereo Speaker | 10 W x 2 | | |
| | Bus expansion | Full-size MiniPCIe/mSATA | | |
| | Dimensions (W x H x D) | 990.6 x 578.8 x 60.2mm (Mirror Glass) 1016.9 x 605.2 x 60.5mm (Pcap / Mirror Pcap*) | | |
| Weight | 24.6 kg | | | |
| OS Support | | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 Android 4.4.2 | WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WES 8 64bit Windows Embedded 8.1 Industry Pro 64bit Win 10 IoT Enterprise Linux Ubuntu 16.04 | Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04 |
| | | | | |
| Environmental Specifications | Operating Temperature | 0 – 40° C (32 – 104° F) | | |
| | Relative Humidity | 10 – 95% @ 40° C non-condensing | | |
| | Vibration | 0.5G | | |
| | Shock | 5 G peak acceleration (11 msec. duration) | | |
| Power | Front Panel Protection | IP65/ NEMA4 Compliant | | |
| | Input Rating | 100-240V _{AC} – 50/60Hz 3.7A | | |
| LCD Display | Size/Type | 42.5" TFT LCD with LED backlight | | |
| | Max.Resolution | 1920 x 1080 | | |
| | Pixel Pitch (mm) | 0.49 (H) x 0.49 (W) | | |
| | Brightness (cd/m ²) | 450 nits | | |
| | View Angle | Horizontal: ±89° or 178° total / Vertical: ±89° or 178° total | | |
| Touch Screen Option (PE/GE) | Type | Projected Capacitive Touch Panel / Mirror Glass Panel (No touch function) / Mirror Projected Capacitive Touch Panel* | | |
| | Light Transmission | >90% (Pure Glass); >25% (Mirror Coating) | | |
| | Controller | USB Interface | | |

* Mirror Pcap by project request.

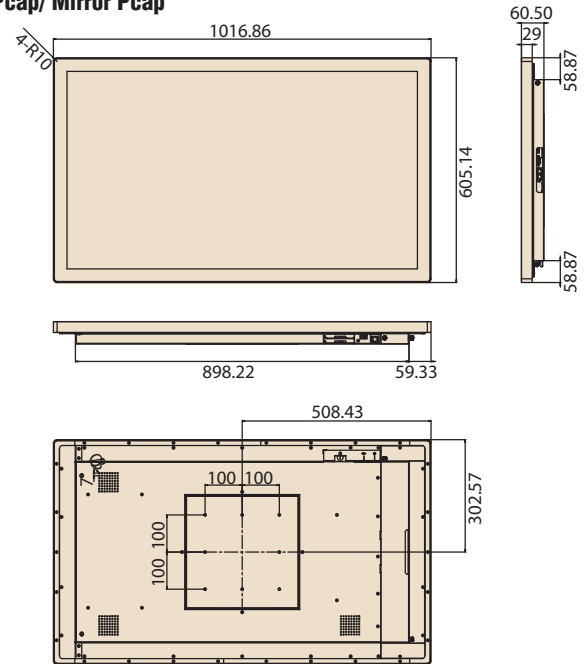
** Only UTC-542D to support Android OS.

Dimensions

Mirror



Pcap/ Mirror Pcap

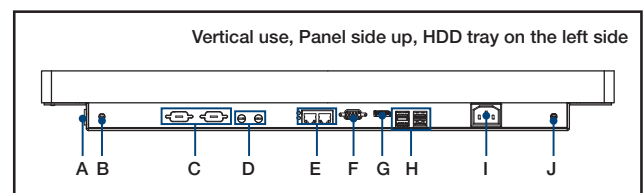


Unit: mm

Ordering Information

| Part No. | Description |
|-----------------|---|
| UTC-542GP-ATB0E | 42.5", Intel® Pentium® N4200, Pcap Touch, 4GB RAM |
| UTC-542GM-ATB0E | 42.5", Intel® Pentium® N4200, Mirror Glass, 4GB RAM |
| UTC-542DM-ATB0E | 42.5", Intel® Celeron® J1900, Mirror Glass, 4GB RAM |
| UTC-542FM-ATB0E | 42.5", Intel® Core™ i5-6300U, Mirror Glass, 4GB RAM |
| UTC-542DP-ATB0E | 42.5", Intel® Celeron® J1900, Pcap Touch, 4GB RAM |
| UTC-542FP-ATB0E | 42.5", Intel® Core™ i5-6300U, Pcap Touch, 4GB 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 |

Fully- Integrated I/O



- A. Power Switch
- B. Antenna Port
- C. COM x 2
- D. Mic-in/ Line-out
- E. LAN x 2
- F. VGA
- G. HDMI
- H. USB 3.0 x 1, USB 2.0 x 3 (Baytrail)
USB 3.0 x 2, USB 2.0 x 2 (Skylake)
- I. AC Power
- J. Antenna Port

Easy Swappable HDD/SDD Slot



Peripherals for UTC-542 series

| Part No. | Description |
|---------------|--|
| UTC-542P-B01E | 1D Barcode Scanner for UTC-542 (USB connection) |
| UTC-542P-B02E | 2D Barcode Scanner for UTC-542 (USB connection) |
| UTC-542P-C01E | 5M Camera Module For UTC-542 (USB connection) |
| UTC-542P-F01E | Finger Print Reader For UTC-542 (USB connection) |
| UTC-542P-M01E | Magnet Strip Reader For UTC-542 (USB connection) |
| UTC-542P-R01E | RFID Reader For UTC-542 (USB connection) |
| UTC-542P-S01E | Smart Card Reader For UTC-542 (USB connection) |

Installation Accessory

| Part No. | Description |
|------------------|-------------------------|
| UTC-WALL-MOUNT2E | VESA Mount 200 x 200 mm |