

UTC-520 (IP65 Series)

21.5" Ubiquitous Touch Computer (IP65 Series) UTC-520GT-ATBOE with Intel® Pentium® N4200



Features

- Low power and fanless system design
- Wide operating temperature range (-10 ~ 50 °C)
- Built-in Intel® Pentium® N4200
- 21.5" monitor with 16:9 widescreen display
- IP65-rated for full system
- M12 for all I/O ports
- Supports both landscape and portrait screen orientations
- Anit-corrosion enclosure stainless chassis
- Quickly swappable storage slot (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

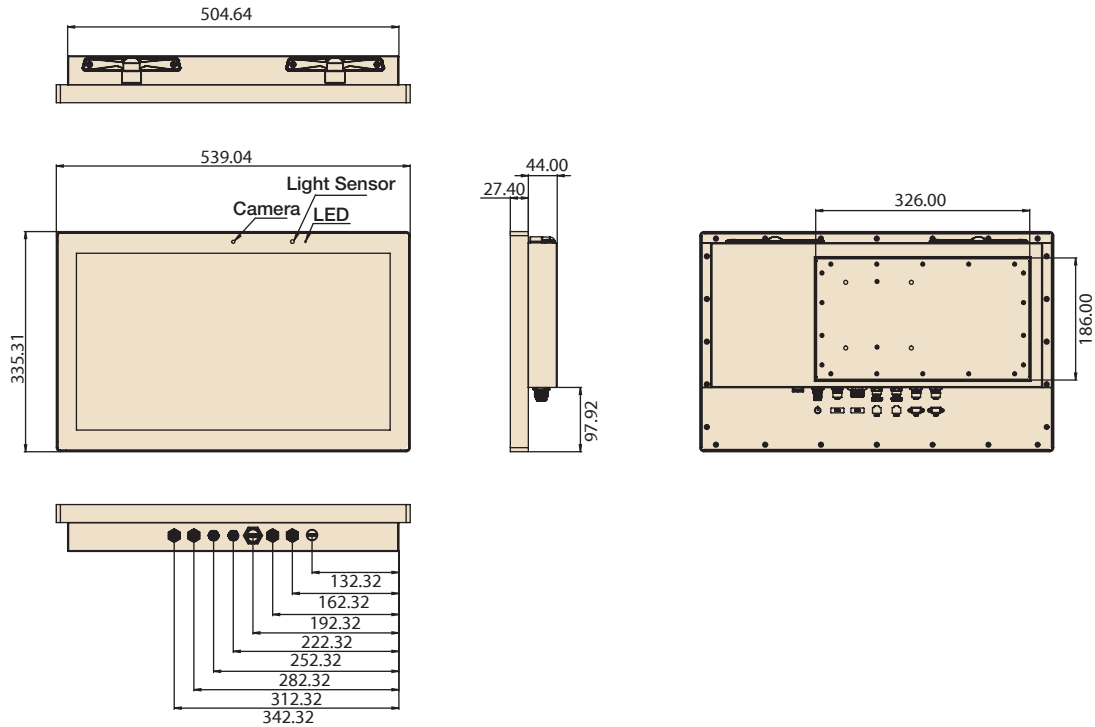
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|------------------------------|--|--|
| Model | UTC-520GT-ATBOE | |
| Processor System | CPU | Intel® Pentium® N4200 / Intel Core i Available w TDP limitation |
| | Base Frequency | 1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core) |
| | Cache | L2 Cache 2MB |
| | Memory | 1 x 204 pin SO-DIMM DDR3L 1867 MHz up to 8GB |
| | HDD | 1 x 2.5 internal SATA HDD bay |
| | Network (LAN) | 2 x Gigabit Ethernet ports (Supports Wake on LAN) 2 x RS-232 COM (RS-422/485)* |
| | I/O ports | 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 |
| | 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 6.0 Linux Ubuntu 18.04 | |
| Environmental Specifications | Operating Temperature | -10 ~ 50 °C |
| | 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 |
| | System Protection | IP65 Full System |
| Power Supply | Input Rating | DC input 12~32V |
| | Power consumption | Typical 40W Max. 50W |
| 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 400 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 (Tough Series)

Dimensions

Unit: mm

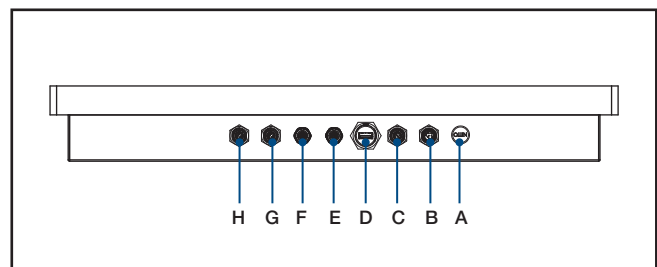
UTC-520GT-ATB0E



Ordering Information

| Part No. | Description |
|-----------------|---|
| UTC-520GT-ATB0E | 21.5" PCT.T/S with Pentium N4200, 4GB RAM, IP65 |
| 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 (UTC-520GP-TOU0E)



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