UTC-520 (IP66&69K)

21.5" Ubiquitous Touch Computer (IP66&69K)
UTC-520GT-ATB0E with Intel® Pentium® N4200
UTC-520FT-ATB0E with Intel® Skylake Core™ i5-6300U

Features

- Low power and fanless system design
- Wide operating temperature range (-10 ~ 50 °C)
- Built-in Intel® Pentium® N4200
- Build in 64G MLC SSD
- 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 indicter / 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-ATB0E	UTC-520FT-ATB0E
Processor System	CPU	Intel® Pentium® N4200	Intel® Skylake Core™ i5-6300U
	Base Frequency	1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core)	2.4GHz (Dual-Core)
	Cache	L2 Cache 2MB	L3 Cache 3MB
	Memory	1 x 204 pin SO-DIMM DDR3L 1867 MHz up to 8GB	2 x 204 pin SO DIMM DDR3L 1600MHz up to 16 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/ 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) (M12 waterproof connector)	
	Bus expansion	Full-size MiniPCIe / M.2	Full-size MiniPCIe / mSATA
	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	
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 24V / 5A	
	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/m^2)	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	

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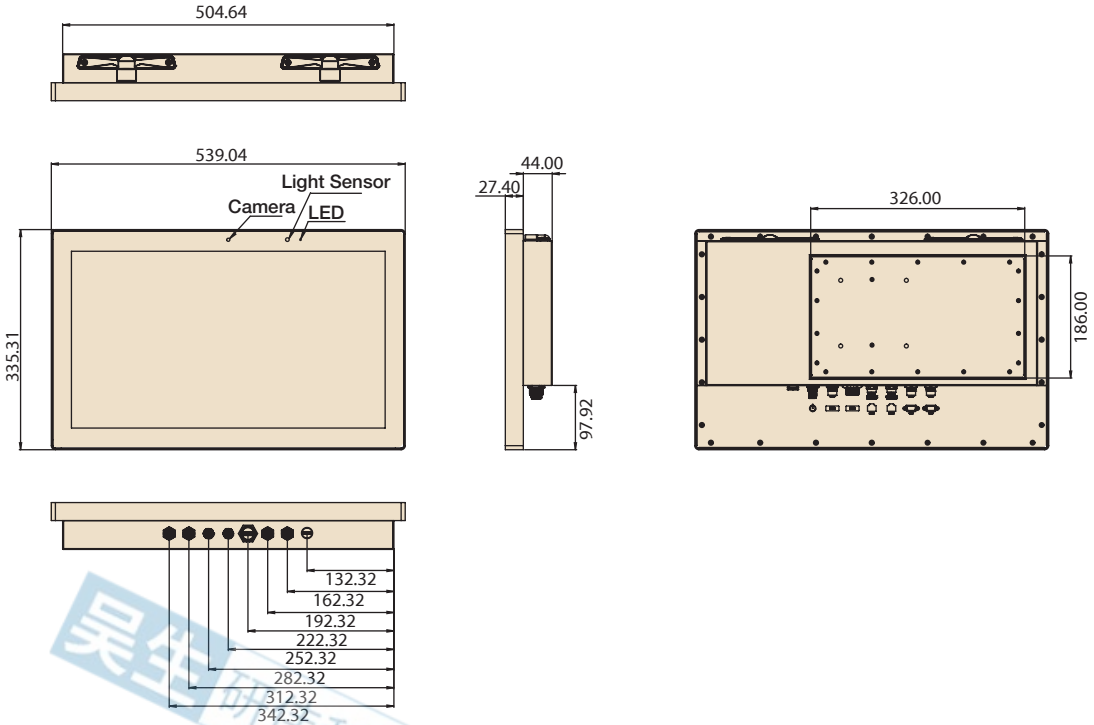
Dimensions

Unit: mm

UTC-520GT-ATB0E



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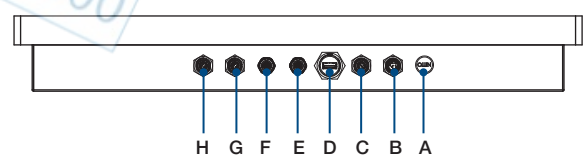
Ordering Information

Part No.	Description
UTC-520GT-ATB0E	21.5" PCT.T/S with Pentium N4200, 4GB RAM, 64G SSD, IP66&69K
UTC-520FT-ATB0E	21.5" PCT.T/S with i5 6300U, 4GB RAM, 64G SSD, IP66&69K
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 1.83M
1700018704	Power Cord UK BSI 2P 10A 250V 1.8M 18AWG
Y5AO520000	Cable M-DIN 4P(F)/waterproof 5P 1M
Y5AO520001	A cable RJ45-8P8C/waterproof 8P 1M
Y5AO520002	M cable waterproof /USB-A 4P*2 1M
Y5AO520003	M Cable USB-A 9P(F)/Waterproof USB 9P(M) 1M
Y5AO520004	M Cable 1*9 P D-SUB/waterproof 10P 1M

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