

UTC-520x

21.5" Ubiquitous Touch Computer UTC-520A with AMD® G-Series T40E UTC-520B with Intel Atom Dual Core D2550 UTC-520C with Intel Core™ i7



Features

- Low Power and Fanless
- Built-in AMD® G-Series T40E (UTC-520A)
- Built-in Intel Atom Dual Core D2550 (UTC-520B)
- Built-in Intel Core™ i7 (UTC-520C)
- Providing Natural Viewing Experience with 16:9 21.5 Display
- Front panel complies with IP65 protection standard
- All in one aluminum extrusion design
- Landscape & Portrait screen mode support by different applications
- VESA 100 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications
- Featuring Antimicrobial Corning® Gorilla® Glass for Capacitive Touch Panel



Introduction

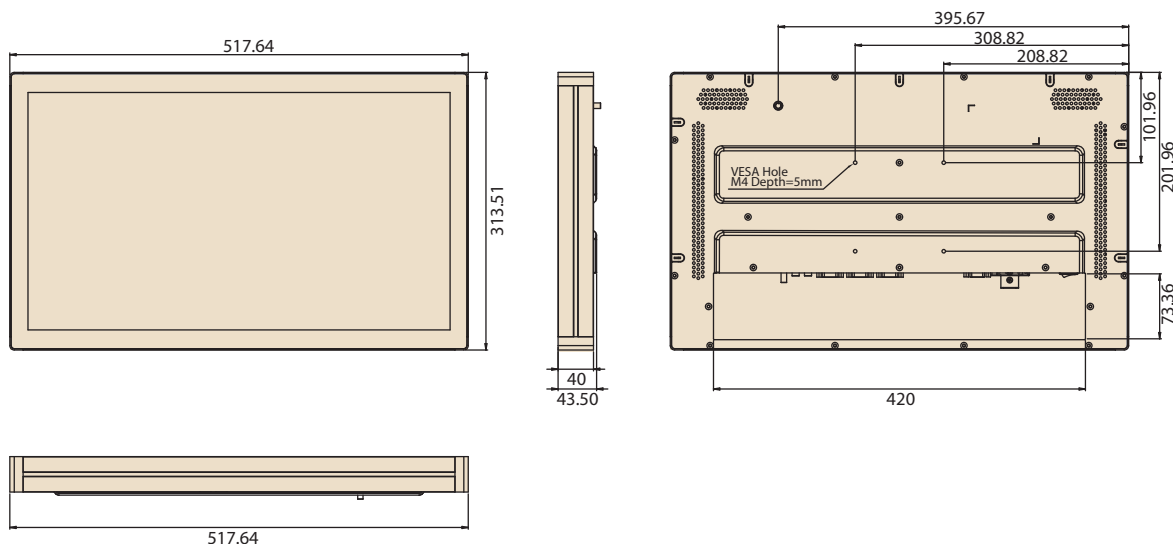
UTC-520x features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed 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	AMD® G-Series T40E Dual-core 1.0 GHz (UTC-520A)	Intel Atom Dual Core D2550 1.8 GHz (UTC-520B)	Intel Core™ i7 3517UE 1.7 GHz (UTC-520C)
	Chipset	T40E + A50M	Intel Atom D2550 + Intel NM10	Intel QM77
	L2 Cache	512 KB	1 MB	1 MB (L3, 4MB)
	Memory	1 x SO-DIMM DDR3 1066 MHz up to 4 GB	1 x SO-DIMM DDR3 1066 MHz up to 4 GB	1 x SO-DIMM DDR3/DDR3L 1333/1600 MHz up to 8 GB
	SSD	Support 1 x CFast	Support 1 x CFast	
	HDD	1 x 2.5 internal SATA HDD bay		
	Network (LAN)	2 x Gigabit Ethernet ports		
	I/O Ports	3 x RS-232 COM (RS-422/485)* 4 x USB 2.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1, Mic-in x 1	3 x RS-232 COM (RS-422/485)* 4 x USB 2.0 2 x Gigabit Ethernet (RJ-45) 1 x VGA & 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		
OS Support	Dimensions (W x H x D)	517.64 x 313.51 x 43.50 (mm) (20.38" x 12.34" x 1.71")		
	Weight	8 kg (17.6 lb)		
Environmental Specifications	Operating Temperature	Windows XP/ XPE/ Embedded 7 Embedded Windows 8 Embedded Linux 3.0	Embedded Windows 7 32bit	Windows XP/ XPE/ Embedded 7 Embedded Windows 8 Embedded Linux 3.0
	Relative Humidity	0 ~ 40° C (32 ~ 104° F)		
	Vibration	10 ~ 95% @ 40° C non-condensing		
	Shock	0.5G		
	EMC	5 G peak acceleration (11 msec. duration)		
	Front Panel Protection	CE, FCC, UL, CCC, BSMI		
Power	Input Rating	IP65/ NEMA4 Compliant		
	Power consumption	12 V/5 A (60 W ITE Adapter)		12 V/7 A (84 W ITE Adapter)
		Typical 32W Max. 40W		Typical 45W Max. 65W
LCD Display	Size/Type			
	Max. Resolution	21.5" TFT LCD with LED backlight		
	Max. Color	1920 x 1080		
	Brightness (cd/m²)	16.7 M		
	View Angle	248.25 (H) x 248.25 (V)		
Touch Screen Option (PE/RE/GE)	Type	250 (Optional 400)		
	Light Transmission	178°/178°		
	Controller			
	Type	Projected Capacitive. Antimicrobial Corning® Gorilla® Glass / Analog Resistive 5-wires / Glass Panel		
	Light Transmission	90% ± 2% / 80%± 5% / 90%		
	Controller	USB Interface / USB Interface / -		

Dimensions

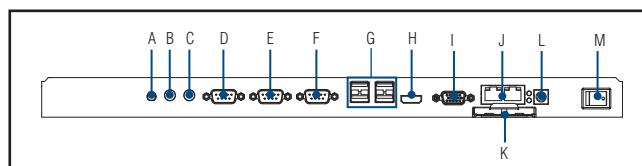
Unit: mm (inch)



Ordering Information

Part No.	Description
UTC-520A-RE	21.5" AMD T40E Based fanless UTC with Resi.T/S. 4 GB RAM
UTC-520A-PE	21.5" AMD T40E Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-520A-GE	21.5" AMD T40E Based fanless UTC with Glass. 4 GB RAM
UTC-520B-RE	21.5" ATOM D2550 Based fanless UTC with Resi.T/S. 4 GB RAM
UTC-520B-PE	21.5" ATOM D2550 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-520B-GE	21.5" ATOM D2550 Based fanless UTC with Glass. 4 GB RAM
UTC-520C-RE	21.5" Intel Core i7 Based fanless UTC with Resi.T/S. 4 GB RAM
UTC-520C-PE	21.5" Intel Core i7 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-520C-GE	21.5" Intel Core i7 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

Fully- Integrated I/O



- A. Antenna Port
- B. Line-out
- C. Mic-in
- D. COM3 (UTC-520A/B only)
- E. COM2
- F. COM1
- G. USB 2.0 x 4
(USB 2.0 x 2, USB 3.0 x 2 for UTC-520C)
- H. HDMI
- I. VGA
- J. LAN Ports x 2
- K. CFast (UTC-520A/B only)
- L. DC Input
- M. Power switch

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-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

Installation Accessory

Part No.	Description
UTC-520-STAND1E	Desktop stand for UTC-515/520
UTC-H01-STANDE	H-shaped floor stand
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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.