

UTC-750

21.5" All-in-One Self-Service Kiosk UTC-750F with Intel® Core™ i5-6300U UTC-750G with Intel® Pentium® N4200

NEW



Features

- Low power consumption and fanless design
- Built-in Intel® Core™ i5-6300U processor (UTC-750F)
- Built-in Intel® Pentium® N4200 processor (UTC-750G)
- 21.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Rich I/O and diverse peripheral options
- Aluminum frame with side groove design for flexible peripheral installation
- Support Windows, Android, and Linux operating systems
- Support multi-type stands for flexible installation

CE FCC

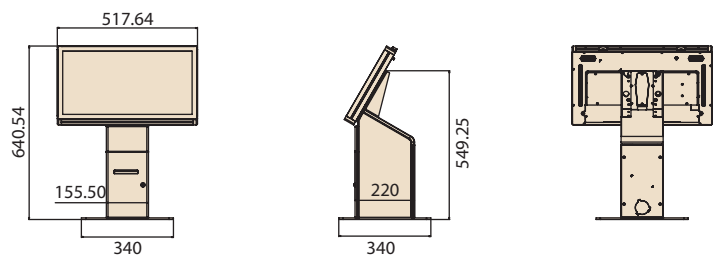
Introduction

Advantech's UTC-750 is a smart, modular kiosk system you build with an Advantech's UTC-500 series touch computer, diverse components, and various types of stands to meet every unique need. Powered by a sixth-generation Intel® processor and equipped with up to 16GB of memory, the UTC-750 series deliver excellent performance to support various self-service applications. Designed to meet diverse needs and requirements of self-service applications, Advantech UTC-750 series offer flexible configuration and installation options, making it the perfect kiosk for businesses that require tailored solutions.

Specifications

AIO system	Processor System	CPU	Intel® Core™ i5-6300U (UTC-750F) Intel® Core™ i3-6100U (Available)*		Intel® Pentium® N4200 (UTC-750G) Intel® Atom® E3950 (Available)*
		Base Frequency	2.4GHz (Dual-Core)		1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core)
		Cache	L3 Cache 3MB		L2 Cache 2MB
		Memory	2 x SO DIMM DDR3L 1600MHz up to 16 GB		1 x SO-DIMM DDR3L 1867 MHz
		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)		
		Stereo Speaker	10W 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			
	OS Support	WES 7P 32bit WES 7E 32bit Windows Pro Embedded 7 SP1 64bit WE8S 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	5G peak acceleration (11 msec. duration)		
		EMC/ Safety	CE, FCC		
	Power Supply	Front Panel Protection	IP65/ NEMA4 Compliant		
		Input Rating	12 V/7 A (84 W ITE Adapter)		
	LCD Display	Power consumption	Typical 45W Max. 65W		
		Size/Type	21.5" TFT LCD with LED backlight (15.6" Available)*		
		Max.Resolution	1920 x 1080		
		Max. Color	16.7M		
		Pixel Pitch (um)	248.25 x 248.25		
		Brightness (cd/m²)	250 (Optional 400)		
Touch Screen Option (PE/RE/GE)	View Angle	178°/178°			
	Type	Projected Capacitive. Analog Resistive 5-wires / Glass Panel			
	Light Transmission	80% ± 2% / 80% ± 5% / 90%			
	Controller	USB Interface			
Stand	IO	Single Table Top		Single Floor Stand	Double Floor Stand
		2 x RS-232 COM (RS-422/485)* 2 x USB 2.0 2 x USB 3.0(1 x be occupied by thermal printer) 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(1 x be occupied by thermal printer) 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(1 x be occupied by 2D barcode) 2 x USB 3.0(All be occupied by thermal printer, NFC and chip card reader) 2 x Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1, Mic-in x 1
		NFC		NA	Support : ISO15693,ISO14443A/B,Felica,Mifare,Tag-it, STLR1K,STM24LRXX.
		Chip Card Reader		NA	IC card reading, Dual color(Green/Red) LED indicator
		Thermal Printer		Thermal printer with USB/RS232 connection	Thermal printer with USB/RS232 connection
	Peripherals	Barcode Scanner		NA	Honeywell 2D barcode scanner

Dimensions

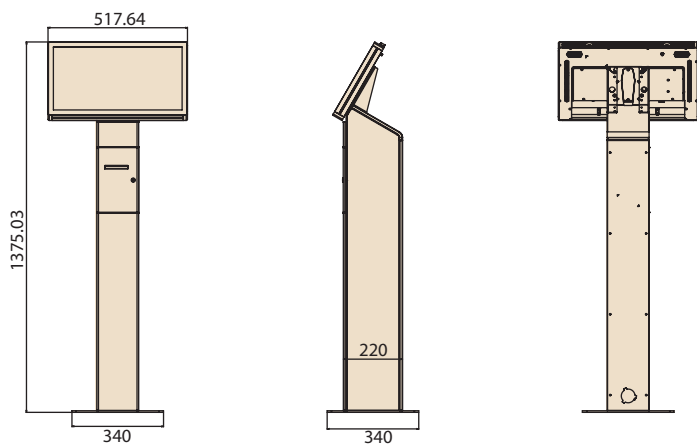


Unit: mm

Ordering Information

Structure	Part Number	Description
Single Table Top	UTC-752FP-STT0E	21.5", P-CAP T/S, Core i5-6300U, 4GB RAM, Thermal Printer, Single Table Top
	UTC-752GP-STT0E	21.5", P-CAP T/S, Pentium N4200, 4GB RAM, Thermal Printer, Single Table Top

Dimensions

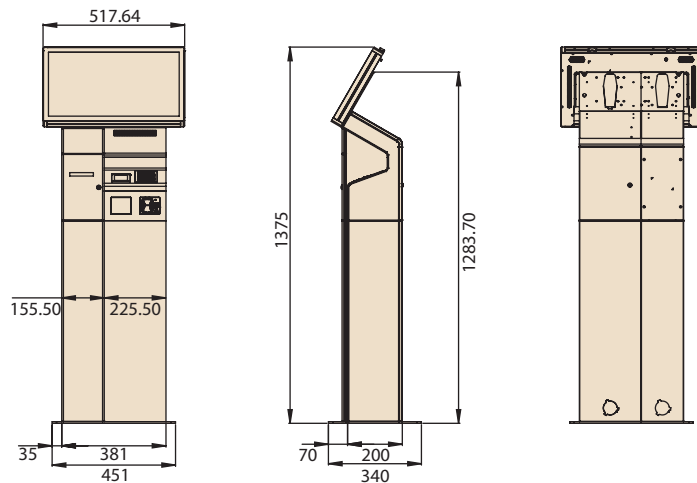


Unit: mm

Ordering Information

Structure	Part Number	Description
Single Floor Stand	UTC-752FP-SFT0E	21.5", P-CAP T/S, Core i5-6300U, 4GB RAM, Thermal Printer, Single Floor Stand
	UTC-752GP-SFT0E	21.5", P-CAP T/S, Pentium N4200, 4GB RAM, Thermal Printer, Single Floor Stand

Dimensions



Unit: mm

Ordering Information

Structure	Part Number	Description
Doble Floor stand	UTC-752FP-DFR0E	21.5", P-CAP T/S, Core i5-6300U, 4GB RAM, Thermal Printer, 2D Barcode, NFC, Chip Card Reader, Double Floor Stand
	UTC-752GP-DFR0E	21.5", P-CAP T/S, Pentium N4200, 4GB RAM, Thermal Printer, 2D Barcode, NFC, Chip Card Reader, Double Floor Stand

Mouser Electronics

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