

# UTC-750

## 15.6/21.5" All-in-One Self-Service Kiosk UTC-750D with Intel® Celeron® J1900 UTC-750F with Intel® Core™ i5-6300U UTC-750G with Intel® Pentium® N4200

NEW



### Features

- Low power consumption and fanless design
- Built-in Intel® Celeron® J1900 processor (UTC-750D)
- Built-in Intel® Core™ i5-6300U processor (UTC-750F)
- Built-in Intel® Pentium® N4200 processor (UTC-750G)
- 15.6/21.5" 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

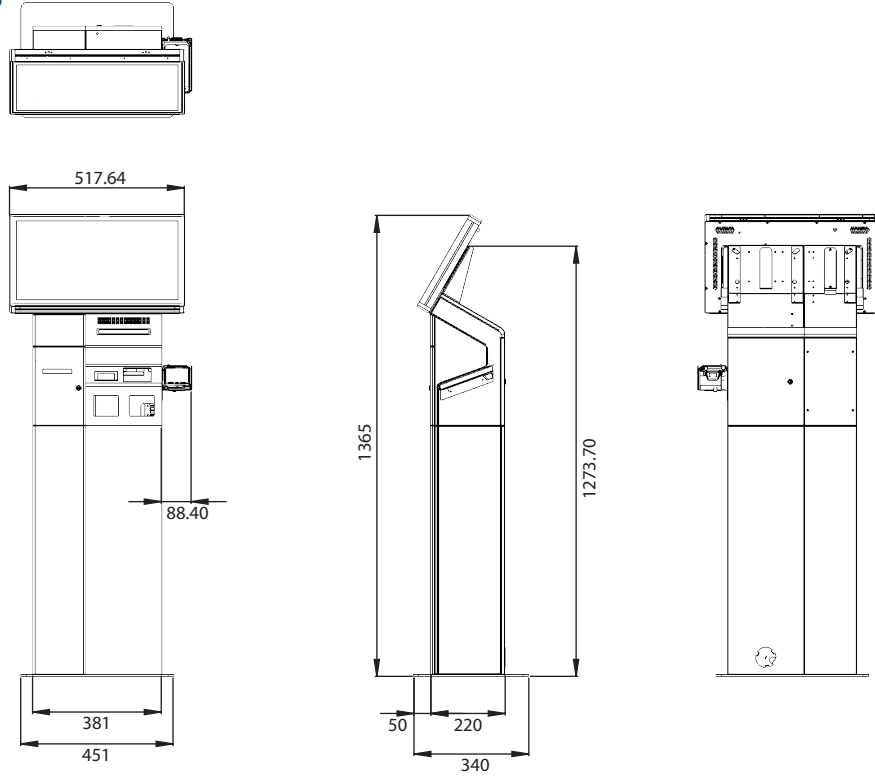
Advantech's UTC-750 is a smart, modular kiosk system you build with an Advantech's UTC-500 series touch computer, diverse components, and various types of stands to meet every unique need. Powered by a sixth-generation Intel® processor and equipped with up to 16GB of memory, the UTC-750 series deliver 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® Celeron® J1900 (UTC-750D)	Intel® Core™ i5-6300U (UTC-750F) Intel® Core™ i3-6100U (Available)*	Intel® Pentium® N4200 (UTC-750G) Intel® Atom® E3950 (Available)*
		Base Frequency	2 GHz (Quad-Core)	2.4GHz (Dual-Core)	1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core)
		Cache	L2 Cache 2MB	L3 Cache 3MB	L2 Cache 2MB
		Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	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	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)* 3 x USB 2.0 / 1 x USB 3.0 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	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	10W x 2		
		Bus expansion	Full-size MiniPCIe/mSATA		
		Mounting	VESA 100 x 100 mm		
Dimensions (W x H x D)	15.6": 389.81 x 240.12 x 45.20(mm) 21.5": 517.64 x 313.51 x 43.50(mm)				
Weight	15.6": 4.86 kg 21.5": 8 kg				
OS Support	OS Support	Embedded Windows 7/ Embedded Windows 8/ Window 10 IoT Enterprise/ Linux Ubuntu 14.04/ Android 4.4.2		Win 7 Pro / Embedded Windows 7 / Win 10 IoT / Linux 16.04	Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04
		Operating Temperature	0 ~ 40° C (32 ~ 104° F)		
Environmental Specifications	Relative Humidity	10 ~ 95% @ 40° C non-condensing			
	Vibration	0.5G			
	Shock	5G peak acceleration (11 msec. duration)			
	EMC/ Safety	CE, FCC			
	Front Panel Protection	IP65/ NEMA4 Compliant			
Power Supply	Power Supply	Input Rating	12 V/7 A (84 W ITE Adapter)		
		Power consumption	Typical 45W Max. 65W		
LCD Display	LCD Display	Size/Type	15.6"/21.5" TFT LCD with LED backlight (10.1"/32"/42.5" Available)*		
		Max. Resolution	15.6": 1366 x 768 (1920 x 1080 optional) 21.5": 1920 x 1080		
		Max. Color	16.7M		
		Pixel Pitch (um)	15.6": 252 x 252 21.5": 248.25 x 248.25		
		Brightness (cd/m <sup>2</sup> )	250 (Optional 400)		
		View Angle	170°/160° (15.6"), 178°/178° (21.5")		
Touch Screen Option (PE/RE/GE)	Touch Screen Option (PE/RE/GE)	Type	Projected Capacitive, Analog Resistive 5-wires / Glass Panel		
		Light Transmission	80% ± 2% / 80% ± 5% / 90%		
		Controller	USB Interface / USB Interface / -		
Kiosk	Power Supply (for Printer)	Input Rating	24V/3A(72W Adapter)		
		NFC	Available for payment (EMV level 1 & 2 certified)		
		Pin pad	Available for payment (EMV level 1 & 2 certified)		
	Peripherals	Card insert reader	Available for payment (EMV level 1 & 2 certified)		
		Thermal printer	Thermal printer with USB/RS232 connection		
		Barcode scanner	Honeywell 2D barcode scanner		

**Dimensions**

Unit: mm (inch)



**Ordering Information**

Part No.	Description
UTC-752DP-DFP0E	21.5" P T/S, Celeron J1900, 4GB, Dbl, Flr, Pay
UTC-752FP-DFP0E	21.5" P T/S, Core i5 6300U, 4GB, Dbl, Flr, Pay
UTC-752GP-DFP0E	21.5" P T/S, Pentium N4200, 4GB, Dbl, Flr, Pay