

# UTC-720

**21.5/31.5" Open Frame Self-Service Kiosk**  
**UTC-720D with Intel® Celeron® J1900**  
**UTC-720F with Intel® Core™ i5-6300U**  
**UTC-720G with Intel® Pentium® N4200**

**NEW**



## Features

- Low power consumption and fanless design
- Built-in 21.5/31.5" open-frame panel PC
- Built-in Intel® Celeron® J1900 processor (UTC-720D)
- Built-in Intel® Core™ i5-6300U processor (UTC-720F)
- Built-in Intel® Pentium® N4200 processor (UTC-720G)
- 16:9 widescreen display with 1920 x 1080 resolution
- IP65-rated front panel for water and dust resistance
- Side-open design and recessed cable routing for easy management
- VESA 200mm standard mounting holes for varied mounting demands
- Support pole, ceiling, and wall mounting
- Support Windows, Android, and Linux operating systems
- Integrated components, including a thermal printer, a barcode scanner, a NFC/RFID reader, a smart card reader, and a MSR

**CE FCC**

## Introduction

Advantech UTC-720 is a multipurpose interactive kiosk system that features a beautiful 21.5/31.5" panel PC integrated into a slim steel chassis. Built for 24/7 operation, UTC-720 is durable and high-performance. Powered by a sixth-generation Intel® processor and equipped with up to 16GB of memory, the UTC-720 series deliver excellent performance to support various self-service applications. It also supports multiple OS, rich I/O ports, as well as the ability to integrate diverse optional peripherals, making it ideal for use as interactive self-service kiosk for any public and commercial applications.

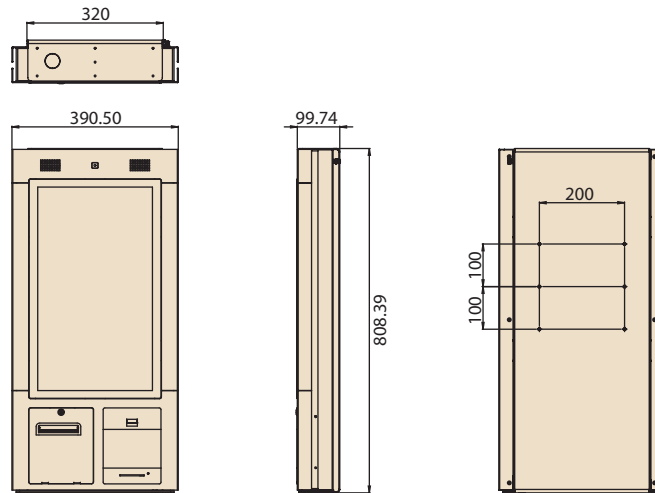
## Specifications

		CPU	Intel® Celeron® J1900 (UTC-750D)	Intel® Core™ i5-6300U (UTC-750F) Intel® Core™ i3-6100U (Available)*	Intel® Pentium® N4200 (UTC-720G) Intel® Atom® E3950 (Available)*
AIO system	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)			
	Processor System	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 1 x 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	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 200 x 200 mm			
	Dimensions (W x H x D)	21.5": 517.64 x 313.51 x 43.50(mm) 31.5": 785.64 x 480.24 x 63.50(mm)			
	Weight	21.5": 8 kg 31.5": 18kg			
	OS Support	OS Support	WES 7P 32bit/WES 7E 32bit/Windows Pro Embedded 7 SP1 64bit/WES 8 64bit/Windows Embedded 8.1 Industry Pro 64bit/Win 10 IoT Enterprise/Linux Ubuntu 16.04/Android 4.4	WES 7P 32bit/WES 7E 32bit/Windows Pro Embedded 7 SP1 64bit/WES 8 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"/31.5" TFT LCD with LED backlight (10.1"/15.6"/42" available)*			
	Max. Resolution	21.5": 1920 x 1080 31.5": 1920 x 1080			
	Max. Color	16.7M			
	Pixel Pitch (um)	21.5": 248.25 x 248.25 31.5": 363.75 x 363.75			
	Brightness (cd/m²)	250 (Optional 400)			
	View Angle	178°/178° (21.5/31.5")			
Touch Screen Option (PE/RE/GE)	Type	Projected Capacitive, Analog Resistive 5-wires / Glass Panel			
	Light Transmission	80% ± 2% / 80% ± 5% / 90%			
Kiosk	Controller	USB Interface / USB Interface / -			
	Dimensions (W x H x D)	397.71 x 170.55 x 160 (mm)			
Outlook	Weight	21.5": 22kg 31.5": 44kg			
	Power Supply (for Printer)	Input Rating	24V/3A(72W Adapter)		
Peripherals	NFC	RFID/NFC module(Jotek ADT-007A-33)			
	Smart card reader	Smart card reader with USB connection			
	MSR	Magnetic stripe card reader with USB connection			
	Thermal printer	Thermal printer with USB connection			
	Camera*	5M AF Camera Module			
	Barcode scanner	Honeywell 2D barcode scanner			

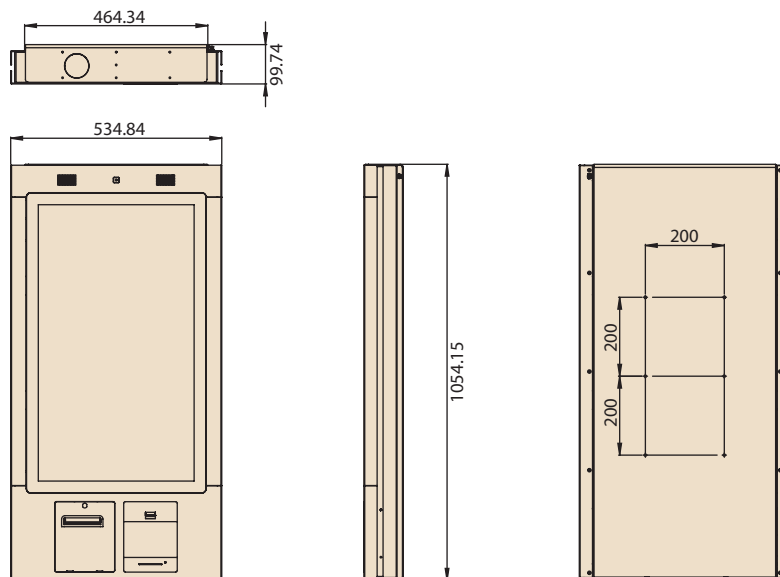
## Dimensions

Unit: mm (inch)

**21.5"**



**31.5"**



## Ordering Information

Part No.	Description
UTC-722DP-VFK0E	21.5" P T/S, Celeron J1900, 4GB, VESA OPFK, Full
UTC-722FP-VFK0E	21.5" P T/S, Core i5 6300U, 4GB, VESA OPFK, Full
UTC-722GP-VFK0E	21.5" P T/S, Pentium N4200, 4GB, VESA OPFK, Full
UTC-723DP-VFK0E	31.5" P T/S, Celeron J1900, 4GB, VESA OPFK, Full
UTC-723FP-VFK0E	31.5" P T/S, Core i5 6300U, 4GB, VESA OPFK, Full
UTC-723GP-VFK0E	31.5" P T/S, Pentium N4200, 4GB, VESA OPFK, Full