UTC-220

21.5" Open-frame panel PC
UTC-220D with Intel® Celeton® J1900
UTC-220F with Intel® Core™ i5-6300U
UTC-220G with Intel® Pentium® N4200

Features

- Available for embedded into kiosk chassis and wall mount type
- One-piece and fan-less design
- Rich screen size and core from UTC series
- Rich IO for extensional peripherals connection
- Built-in Intel® Celeton® J1900 (UTC-220D)
- Built-in Intel® Core™ i5-6300U (UTC-220F)
- Built-in Intel® Pentium® N4200 (UTC-220G)
- Providing Natural Viewing Experience with 21.5" Display
- Could be take as monitor only

CE FCC

Introduction

UTC-220 features one-piece solution and fan-less design that easy to embedded into kiosk chassis or wall mount type. Continuation of the advantage from UTC series, 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.

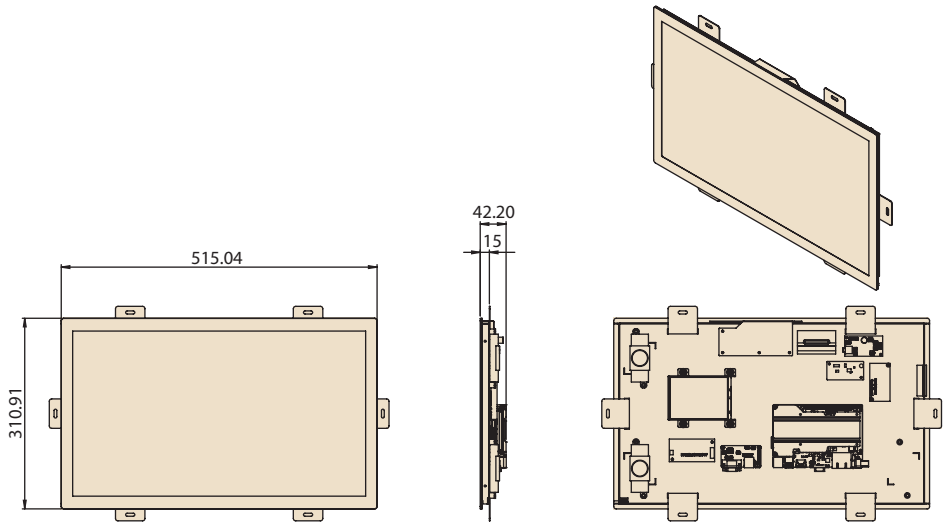
Specifications

Processor System	CPU	Intel® Celeron® J1900 (UTC-220D)	Intel® Core™ i5-6300U (UTC-220F) Intel® Core™ i3-6100U (Available)*	Intel® Pentium® N4200 (UTC-220G) 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
	Storage	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 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 (optional)		
	Bus expansion	Full-size MiniPCIe/mSATA		
	Dimensions (W x H x D)	21.5": 515.04 x 310.91 x 42.20(mm)		
	Weight	21.5": 5.8kg		
OS Support		Embedded Windows 7/Embedded Windows 8/ Window 10 IoT Enterprise/Linux Ubuntu 14.04/ Android 4.4.2	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	Input Rating	12 V/7 A (84 W ITE Adapter)		
	Power consumption	Typical 45W Max. 65W		
LCD Display	Size/Type	21.5" TFT LCD with LED backlight		
	Max.Resolution	21.5": 1920 x 1080		
	Max. Color	16.7M		
	Pixel Pitch (um)	21.5": 248.25 x 248.25		
	Brightness (cd/m²)	250 (Optional 400)		
	View Angle	178°/178°		
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 / -		

Vertrieb durch AMC
AMC – Analytik & Messtechnik GmbH Chemnitz
Heinrich-Lorenz-Str. 55 Tel.: +49/371/38388-0
09120 Chemnitz Fax: +49/371/38388-99
E-Mail: info@amc-systeme.de Web: www.amc-systeme.de

Dimensions

Unit: mm



Ordering Information

Part No.	Description
UTC-220DP-AT00E	21.5" P T/S, Celeron J1900, 4GB RAM, Open-frame
UTC-220FP-AT00E	21.5" P T/S, Core i5 6300U, 4GB RAM, Open-frame
UTC-220GP-AT00E	21.5" P T/S, Pentium N4200, 4GB RAM, Open-frame

Vertrieb durch AMC

AMC – Analytik & Messtechnik GmbH Chemnitz

Heinrich-Lorenz-Str. 55 Tel.: +49/371/38388-0
09120 Chemnitz Fax: +49/371/38388-99
E-Mail: info@amc-systeme.de Web: www.amc-systeme.de

Irrtum und Änderungen vorbehalten – auch ohne vorherige Ankündigung. Verwendete Hardware- und Softwarebezeichnungen, Marken sowie Firmennamen können eingetragene Warenzeichen sein und unterliegen somit den gesetzlichen Bestimmungen. / Information in this document is subject to change without prior notice. The software and hardware designations or brand names used in this text are in most cases trademarks or registered trademarks of their respective companies and are thus subject to law.