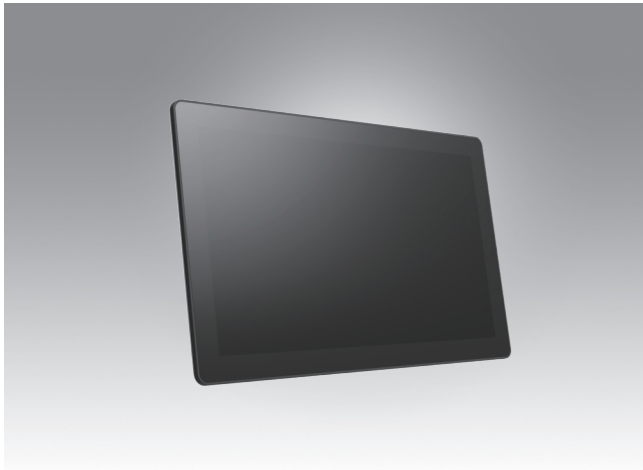# UTC-120

21.5" Ubiquitous Touch Computer
UTC-120G with Pentium® N4200

Features

- Slimmer and Lighter design
- Low power and fanless system design
- Built-in Intel Pentium® N4200
- 21.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Clean back cover design with 3 Way IO cable routing
- Supports both landscape and portrait screen orientations
- VESA 100 mm standard mounting holes for varied mounting demands

Windows® Embedded CCC UL CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

UTC-120 features an all-in-one computing system which 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.

Thanks for the slim and light looking with 3 way cable routing design, makes UTC-120 good fit to diverse scenarios and areas.
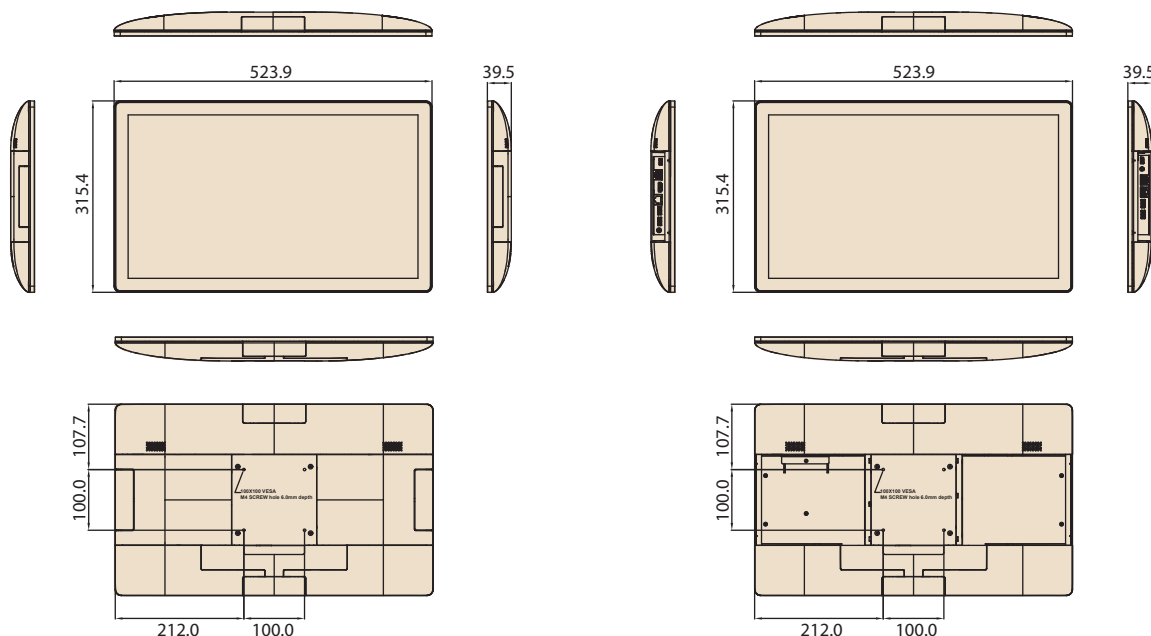
The systems deliver updated information with well-designed interactive interfaces, with fully ensure relevant content and targeted promotions are delivered. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.
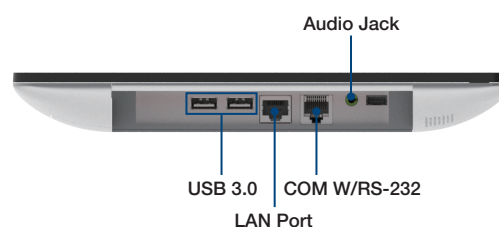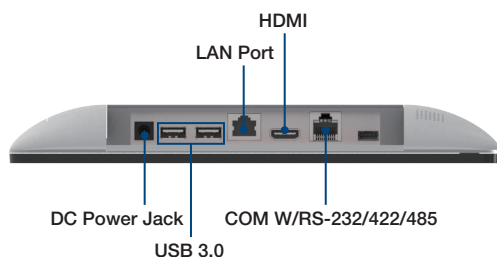
Specifications

Process system	CPU	Intel® Pentium® N4200 (UTC-120G)
	Base/Burst Frequency	1.10Ghz/2.50Ghz (Quad-Core)
	Memory	1 x 204 pin SO-DIMM DDR3L 1600 MHz up to 8 GB
	Storage	1 x M.2 2242 SSD / 1 x 2.5 internal SATA storage
	Network	2 x Gigabit Ethernet ports (Supports Wake on LAN)
	I/O Ports	2 x RS-232 COM (COM2 RS-232/422/485) 4 x USB3.0 / 2 x USB3.0 (optional) 2 x Gigabit Ethernet ports 1 x HDMI 1.4 1 x Audio Phone Jack
	Stereo Speaker	2 x 2W
	Bus expansion	1 x M.2 key2230, 1 x M.2 key2242
	Mounting	VESA 100 x 100 mm (Screw Size, M4, 7mm)
	Dimension (WxHxD)	523.9 x 315.4 x 39.5
	Weight	5.29Kg
OS Support		Win 10 IoT Enterprise 64bit Android 10.1 Linux Ubuntu 20.04
Environment Specification	Operating temperature	0 ~ 40 °C (32 ~ 104 °F)*
	Relative Humidity	10 ~ 95% @ 40 °C non-condensing
	Vibration	0.5G
	Shock	Shock 10G peak acceleration (11 msec. duration)
	Certification	CE, FCC, CB, UL, CCC, BSMI
	Front Panel Protection	IP 65 Compliant
Power Supply	DC Input Rating	12V/7A (84W ITE Adapter)
	PoE	n/a
	Power consumption	43.5W
LCD Display	Size/Type	21.5" FHD
	Max.Resolution	1920 x 1080
	Max. Color	16.7M
	Pixel Pitch (um)	248.25(H) x 248.25(V)
	Brightness (cd/m2)	250
	View Angle	178° /178°
Touch Screen Option (PE/GE)	Type	Projected Capacitive.
	Light Transmission	80% ± 5% / 90%
	Controller	USB Interface

Dimensions

Unit: mm

Fully- Integrated I/O

Ordering Information

For Worldwide Model

Part No.	Description
UTC-120GP-WWW1E	FHD, N4200, 4G, 128G, Win10, Wifi
UTC-120GP-NWW0E	FHD, N4200, 4G, 128G
UTC-120GP-AWW1E	FHD, N4200, 4G, 128G, Wifi, Android

For US Only Model

Part No.	Description
UTC-120GP-WUS1E	FHD, N4200, 4G, 128G, Win10, Wifi, PWC
UTC-120GP-NUS1E	FHD, N4200, 4G, 128G, Wifi, PWC

For CN Only Model

Part No.	Description
UTC-120GP-WCN1E	FHD, N4200, 4G, 128G, Wifi
UTC-120GP-NCN0E	FHD, N4200, 4G, 128G

For EU Only Model

Part No.	Description
UTC-120GP-WWW1E	FHD, N4200, 4G, 128G, Win10, Wifi
UTC-120GP-AWW1E	FHD, N4200, 4G, 128G, Wifi, Android

Extra ordering information

Part No.	Description
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596-11	Power Cord (China) CCC,10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG
1700025928-01	COM Port Converter cable RJ48-10P10C to D-SUB 9P 35cm
UTC-WALL-MOUNT3E	UTC-515/520 VESA mount (100x100/75x75)
UTC-T01-STANDE	UTC-515/520 Tri Shape Floor Stand 120 cm
UTC-S01-STAND	UTC-S01 100X100 / 75X75 mm Desk Stand
UTC-300P-D20E	Desk Stand, Silver, for UTC-318/320