UTC-315x

Preliminary

Features

- Low Power & Fanless design
- Built in Intel BayTrail J1900 (UTC-315D)
- Providing Natural Viewing Experience with 16:9 15.6" Display
- Front panel complies with IP65 protection standard
- Landscape & Portrait screen mode support by different applications
- VESA 75 mm standard mounting holes for varied mounting demands
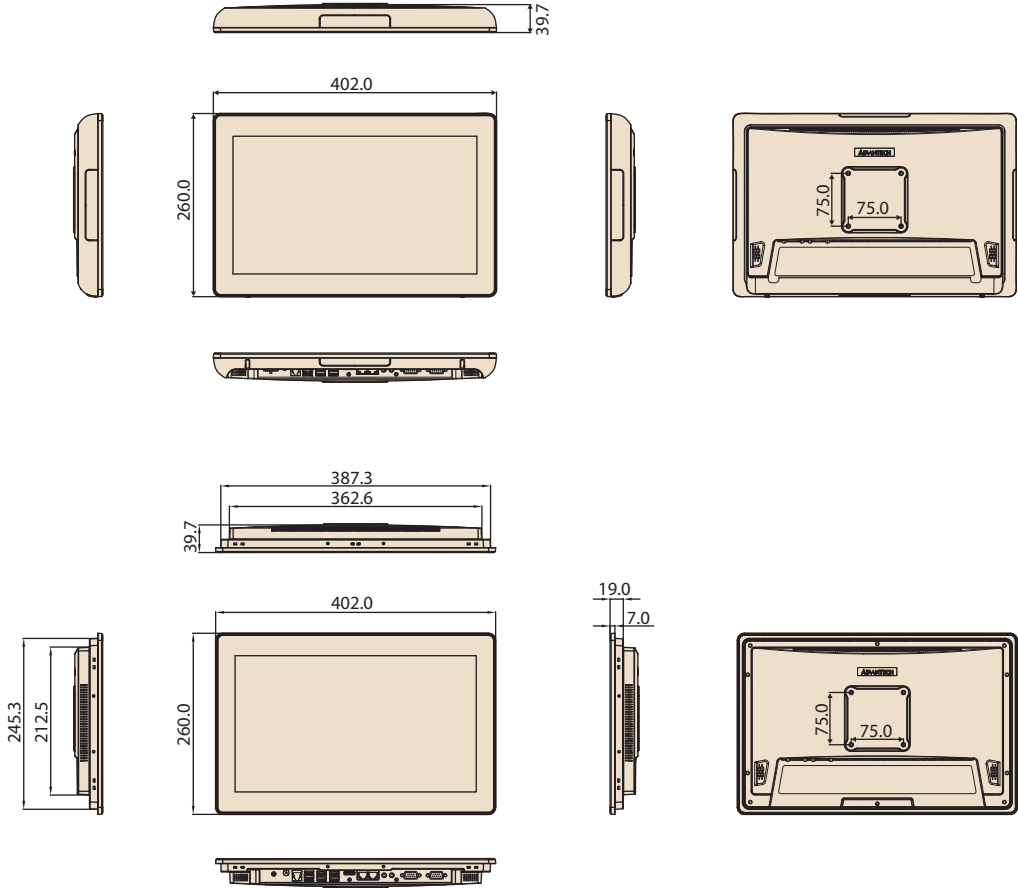- Attachable frame design , flexible for panel mount applications

Introduction

UTC-315x is the multi-purpose 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. With the removable frame , the system also could fulfill industries or control system applications with panel mounting design. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

Specifications

Processor System	CPU	Intel® BayTrail J1900
	Basic Frequency	2.0 GHz (Quad-Core)
	L2 Cache	2MB
	Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB
	HDD	1 x 2.5 internal SATA HDD bay
	Network	2 x Gigabit Ethernet ports (RJ-45)
	I/O ports	1 x RS-232 COM , 1 x RS-232 / 422 / 485 5 x USB 2.0 / 1 x USB 3.0 2 x Gigabit Ethernet (RJ-45) 1 x HDMI Audio Line-out x 1, Mic-in x 1 RJ-11 (option)
	Stereo Speaker	1W x 2
	BUS expansion	Full-size MiniPCIe/mSATA
	Mounting	VESA 75 x 75
	Dimension(WxHxD)	402 x 260 x 39.7 mm
	Weight	< 4 kg (8.8 lb)
OS support		Windows Embedded Standard 7 Windows Embedded Standard 8 Embedded Linux 3.0
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)
	Relative Humidity	10 ~ 95% @ 40° C non-condensing
	Vibration	0.5G
	Shock	10 G peak acceleration (11 msec. duration)
	EMC/ Safety	CE, FCC, UL, CCC CB,BSMI
	Front Panel Protection	IP65/ NEMA4 Compliant
Power Supply	Input Rating	12 V/7 A (84W ITE Adapter)
	Power consumption	Typical 32W Max. 70W
LCD Display	Size	15.6" TFT LCD
	Max Resolution	1366 x 768
	Max Color	262K
	Pixel Pitch (um)	252 (H) x 252 (V)
	Brightness (cd/m2)	200 (Typical)
	View Angle	90°/60°
Touch Screen	Type	Analog Resistive 5-wires (Res. Flat Glass) / Projected Capacitive Touch Panel (Pcap. Flat Glass)
	Light Transmission	Res. Touch : 80% ± 5% / P-Cap Touch : 90% ± 2%
	Controller	COM interface / USB interface

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Dimensions

Unit: mm (inch)

39.7

402.0

260.0

75.0
75.0

387.3
362.6
39.7

402.0

19.0
7.0

245.3
212.5
260.0

75.0
75.0

Ordering Information

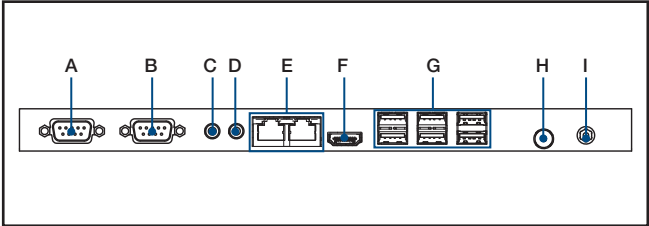| Part No.	Description
UTC-315D-RE	15.6" Intel® Celeron J1900 Based fanless UTC with Resi.T/S. 4 GB RAM
UTC-315D-PE	15.6" Intel® Celeron J1900 Based fanless UTC with PCT.T/S. 4 GB RAM

Peripherals for UTC-300 series

Part No.	Description
UTC-300P-C01E	5M Camera Module for UTC-3XX
UTC-300P-M01E	Magnet Strip Reader for UTC-3XX
UTC-300P-R01E	RFID Reader for UTC-3XX
UTC-300P-S01E	Smart Card Reader for UTC-3XX
UTC-300P-B01E	1D Barcode Reader for UTC-3XX
UTC-300P-B02E	2D Barcode Reader for UTC-3XX

Installation Accessory

Part No.	Description
UTC-300P-D01E	Desk Stand for UTC-3xx
UTC-WALL-MOUNT1E	Wall Mount kit for UTC-515/520
UTC-WALL-MOUNT3E	Wall Mount Kit for UTC-515/520
UTC-T01-STANDE	Triangle shape floor stand
UTC-H01-STANDE	H-shaped floor stand

Fully- Integrated I/O

A   B   C D   E   F   G   H   I

A. Com1
B. Com2
C. Line-out
D. Mic in
E. LAN ports x 2
F. HDMI
G. USB 2.0 x 5 / USB 3.0 x 1
H. Power button
I. DC input (12 V_{DC})