

# UTC-532

## 32" Ubiquitous Touch Computer UTC-532A with AMD® G-Series T40E UTC-532C with Intel Core™ i7



### Features

- High Performance, Fanless
- Built-in AMD® G-Series T40E (UTC-532A)
- Built-in Intel Core™ i7 (UTC-532C)
- Providing Natural Viewing Experience with 16:9 32" Display
- Front panel complies with IP65 protection standard
- All in one aluminum extrusion design
- Landscape & Portrait screen mode support by different applications
- VESA 200 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications

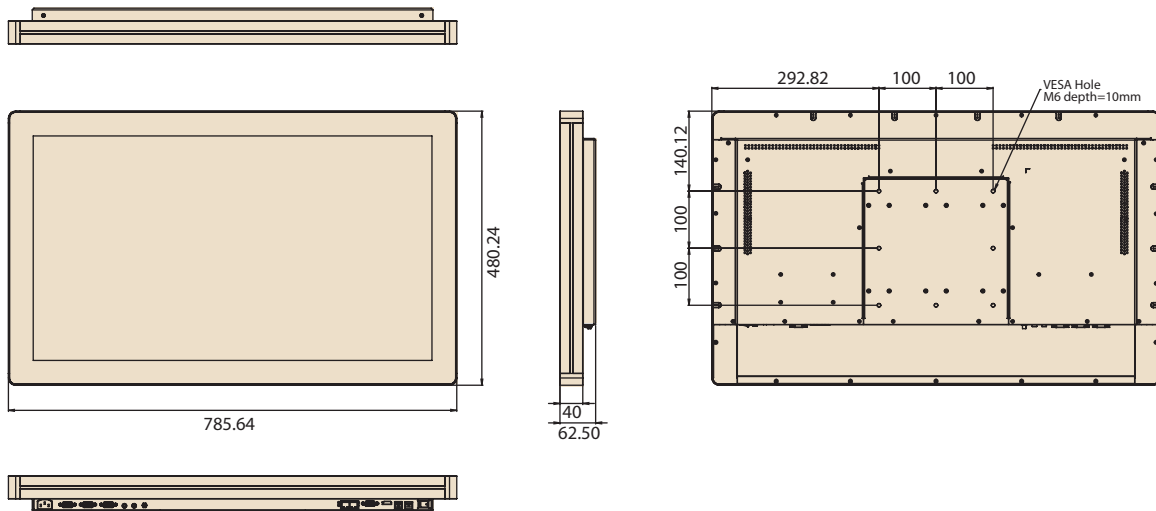


### Introduction

UTC-532 features an all-in-one computing system 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. The systems deliver updated information with well-designed interactive interfaces, 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

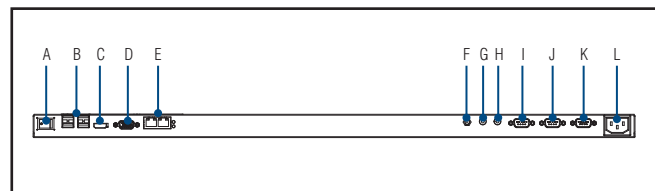
Processor System	CPU	AMD® G-Series T40E Dual-core 1.0 GHz (UTC- 532A)	Intel Core™ i7 3517UE 1.7 GHz (UTC-532C)
	Chipset	T40E + A50M	Intel QM77
	L2 Cache	512 KB	1 MB (L3, 4 MB)
	Memory	1 x SO-DIMM DDR3 1066 up to 4GB	1 x SO-DIMM DDR3/DDR3L 1333/1600 MHz up to 8 GB
	HDD	1 x 2.5 internal SATA HDD bay	
	Network (LAN)	2 x Gigabit Ethernet ports	
	I/O Ports	3 x RS-232 COM (RS-422/485)* 4 x USB 2.0 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
	Stereo Speaker	3 W x 2	
	Bus expansion	Full-size MiniPCIe/mSATA	
	Dimensions (W x H x D)	785.64 x 480.24 x 62.50 mm	
Weight	18 kg (39.6 lb)		
OS Support	Windows XP/ XPE/ Embedded Windows 7/ Embedded Windows 8	Embedded Windows 7 /Embedded Windows 8/ Window 10 IoT Enterprise	
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)	
	Relative Humidity	10 ~ 95% @ 40° C non-condensing	
	Vibration	0.5G	
	Shock	5 G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, UL, CB, CCC, BSMI	
	Front Panel Protection	IP65/ NEMA4 Compliant	
Power	Input Rating	100-240V <sub>AC</sub> ~ 50/60Hz 2.5A	
	Power consumption	Typical 95W Max. 105W	
LCD Display	Size/Type	32" TFT LCD with LED backlight	
	Max.Resolution	1920 x 1080	
	Max. Color	16.7 M	
	Pixel Pitch (mm)	0.36375 (H) x 0.36375 (W)	
	Brightness (cd/m <sup>2</sup> )	300	
View Angle	178°/178°		
Touch Screen (PE/GE)	Type	Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel (No touch function)	
	Light Transmission	90% ± 2% / 90%	
	Controller	USB Interface / -	



## Ordering Information

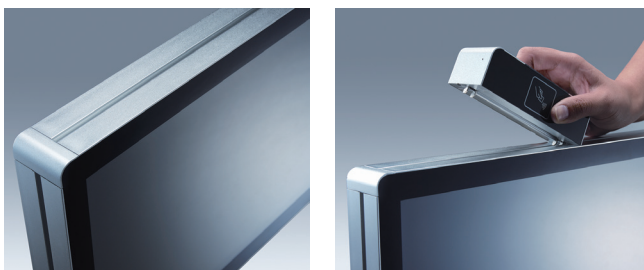
Part No.	Description
UTC-532A-PE	32" AMD T40E Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532A-GE	32" AMD T40E Based fanless UTC with Glass. 4 GB RAM
UTC-532C-PE	32" Intel Core i7 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532C-GE	32" Intel Core i7 Based fanless UTC with Glass. 4 GB RAM
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596	Power Cord (China) CCC, 10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG
1960060677N001	IO Cover for UTC-532 series

## Fully- Integrated I/O



- |   |                         |
|---|-------------------------|
| A. Power switch                                       | G. Line-out             |
| B. USB x 4<br>(USB 2.0 x 2, USB 3.0 x 2 for UTC-532C) | H. Mic-in               |
| C. HDMI   | I. COM3 (UTC-532A only) |
| D. VGA  | J. COM2                 |
| E. LAN Port x 2                                       | K. COM1                 |
| F. Antenna Port                                       | L. AC Power             |

Side groove design for Flexible peripheral device



## Peripherals for UTC-500 series

Part No.	Description
UTC-P01-A1E	5M Camera Module For UTC-5XX (USB connection)
UTC-P02-A0E	Magnet Strip Reader For UTC-5XX (USB connection)
UTC-P03-A0E	RFID Reader For UTC-5XX (USB connection)
UTC-P06-A0E	Smart Card Reader For UTC-5XX (USB connection)
UTC-P07-A1E	1D/2D Barcode Reader For UTC-5XX (USB Connection)
UTC-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

## Installation Accessory

Part No.	Description
UTC-WALL-MOUNT2E	Wall Mount kit for UTC-532
UTC-H01-STANDE	H-shaped floor stand

# UTC-532

## 32" Ubiquitous Touch Computer UTC-532D with Intel® Bay Trail J1900 UTC-532E with Intel® Haswell i5-4300U

NEW



### Features

- High Performance, Fanless
- Built in Intel® Bay Trail J1900 (UTC-532D)
- Built in Intel® Haswell i5-4300U (UTC-532E)
- Providing Natural Viewing Experience with 16:9 32" Display
- Front panel complies with IP65 protection standard
- All in one aluminum extrusion design
- Landscape & Portrait screen mode support by different applications
- VESA 200 mm standard mounting holes for varied mounting demands
- Attachable design for panel & peripherals to extend function and applications

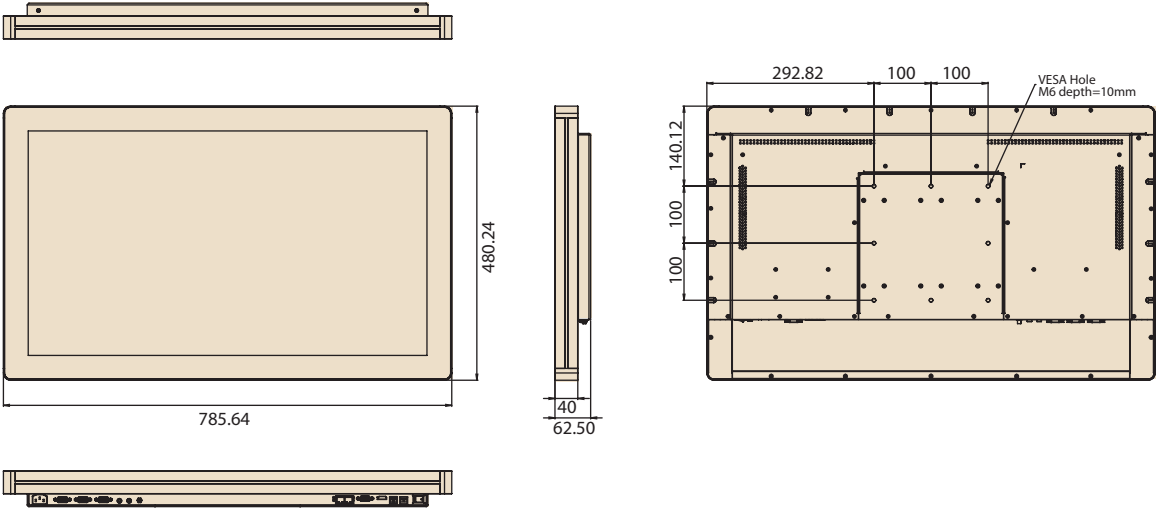


### Introduction

UTC-532 features an all-in-one computing system 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. The systems deliver updated information with well-designed interactive interfaces, 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

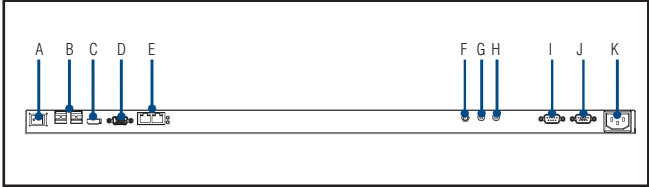
Processor System	CPU	Intel® Celeron® J1900 (UTC-532D)	Intel® Core™ i5-4300U (UTC-532E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)*
	Base Frequency	2 GHz (Quad-Core)	1.9 GHz (Dual-Core)
	Cache	2 MB	3 MB
	Memory	1 x SO-DIMM DDR3L 1333 MHz up to 8 GB	1 x SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB
	HDD	1 x 2.5 internal SATA HDD bay	
	Network (LAN)	2 x Gigabit Ethernet ports	
	I/O Ports	2 x RS-232 COM (RS-422/485)* 3 x USB 2.0 / 1 x USB 3.0	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 Gigabit Ethernet (RJ-45) 1 x VGA & HDMI Audio Line-out x 1, Mic-in x 1
	Stereo Speaker	3 W x 2	
	Bus expansion	Full-size MiniPCIe/mSATA	
Dimensions (W x H x D)	785.64 x 480.24 x 62.50 mm		
Weight	18 kg (39.6 lb)		
OS Support	Embedded Windows 7/Embedded Windows 8/ Window 10 IoT Enterprise/Linux Ubuntu 14.04/ Android 4.4.2	Embedded Windows 7 /Embedded Windows 8/ Window 10 IoT Enterprise	
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)	
	Relative Humidity	10 ~ 95% @ 40° C non-condensing	
	Vibration	0.5G	
	Shock	5 G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, UL, CB, CCC, BSMI	
	Front Panel Protection	IP65/ NEMA4 Compliant	
Power	Input Rating	100-240V <sub>AC</sub> ~ 50/60Hz 2.5A	
	Power consumption	Typical 95W Max. 105W	
LCD Display	Size/Type	32" TFT LCD with LED backlight	
	Max. Resolution	1920 x 1080	
	Max. Color	16.7 M	
	Pixel Pitch (mm)	0.36375 (H) x 0.36375 (W)	
	Brightness (cd/m <sup>2</sup> )	300	
View Angle	178°/178°		
Touch Screen (PE/GE)	Type	Projected Capacitive Touch Panel (Pcap. Flat Glass) / Glass Panel (No touch function)	
	Light Transmission	90% ± 2% / 90%	
	Controller	USB Interface / -	



**Ordering Information**

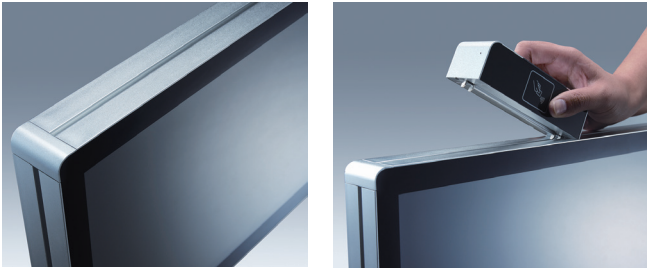
Part No.	Description
UTC-532D-PE	32" Intel® Celeron® J1900 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532D-GE	32" Intel® Celeron® J1900 Based fanless UTC with Glass. 4 GB RAM
UTC-532E-PE	32" Intel® Core™ i5-4300U Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532E-GE	32" Intel® Core™ i5-4300U Based fanless UTC with Glass. 4 GB RAM
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596	Power Cord (China) CCC,10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG
1960060677N001	IO Cover for UTC-532 series

**Fully- Integrated I/O**



- A. Power switch
- B. USB 3.0 x 2, USB 2.0 x 2  
(USB 3.0 x 1, USB 2.0 x 3 for UTC-532D)
- C. HDMI
- D. VGA
- E. LAN Port x 2
- F. Antenna Port
- G. Line-out
- H. Mic-in
- I. COM2
- J. COM1
- K. AC Power

Side groove design for Flexible peripheral device



**Peripherals for UTC-500 series**

Part No.	Description
UTC-P01-A1E	5M Camera Module For UTC-5XX (USB connection)
UTC-P02-A0E	Magnet Strip Reader For UTC-5XX (USB connection)
UTC-P03-A0E	RFID Reader For UTC-5XX (USB connection)
UTC-P06-A0E	Smart Card Reader For UTC-5XX (USB connection)
UTC-P07-A1E	1D/2D Barcode Reader For UTC-5XX (USB Connection)
UTC-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

**Installation Accessory**

Part No.	Description
UTC-WALL-MOUNT2E	Wall Mount kit for UTC-532
UTC-H01-STANDE	H-shaped floor stand

# UTC-532

## 31.5" Ubiquitous Touch Computer UTC-532G with Intel® Pentium® N4200 UTC-532F with Intel® Core™ i5-6300U UTC-532E with Intel® Core™ i5-4300U

NEW



### Features

- High performance and fanless system design
- Built-in Intel® Pentium® N4200 (UTC-532G)
- Built-in Intel® Core™ i5-6300U (UTC-532F)
- Built-in Intel® Core™ i5-4300U (UTC-532E)
- 31.5" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Aluminum frame with side groove design for flexible peripheral installation
- Supports both landscape and portrait screen orientations
- VESA 200 mm standard mounting holes for varied mounting demands
- Support Advantech WISE-PaaS/RMM



### Introduction

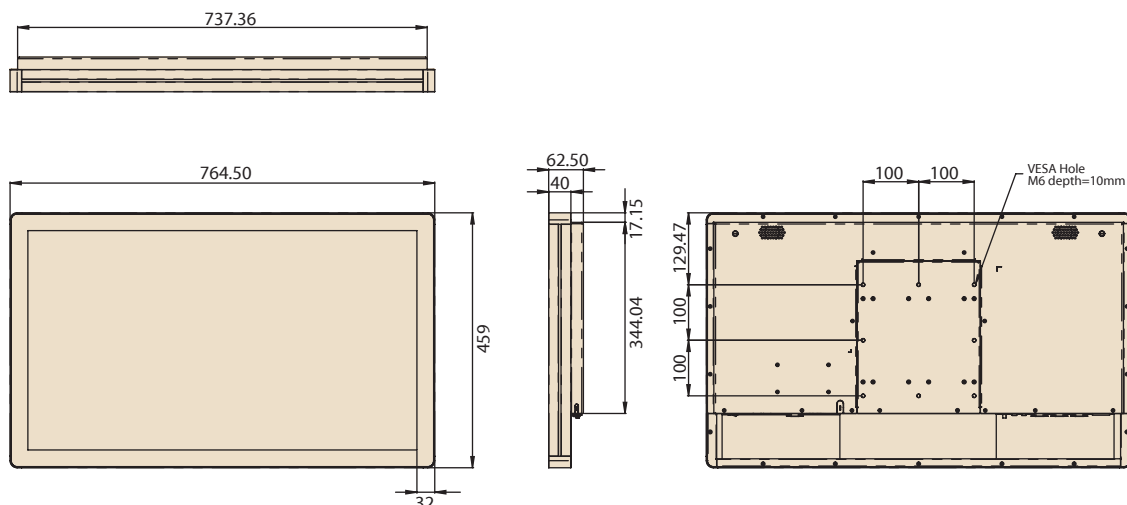
UTC-532 features an all-in-one computing system equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas. The systems deliver updated information with well-designed interactive interfaces, 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

	CPU	Intel® Pentium® N4200 (UTC-532G) Intel® Atom® E3950 (Available)*	Intel® Core™ i5-6300U (UTC-532F)	Intel® Core™ i5-4300U (UTC-532E) Intel® Core™ i3-4010U (Available)* Intel® Celeron® 2980U (Available)*	
Processor System	Base Frequency	1.1 GHz (N4200/Quad-Core) 1.6 GHz (E3950/Quad-Core)	2.4GHz (Dual-Core)	1.9 GHz (Dual-Core)	
	Cache	L2 Cache 2MB	L3 Cache 3MB	L3 Cache 3MB	
	Memory	1 x 204 pin SO-DIMM DDR3L 1867 MHz up to 8GB	2 x 204 pin SO DIMM DDR3L 1600MHz up to 16 GB	1 x 204 pin SO-DIMM DDR3L 1333 / 1600 MHz up to 8 GB	
	HDD	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)* 2 x USB2.0/ 2 x USB3.0 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	3 W x 2		
	Bus expansion	Full-size MiniPCIe / M.2		Full-size MiniPCIe / mSATA	
	Dimensions (W x H x D)	764.50 x 459 x 62.50 mm			
	Weight	18 kg (39.6 lb)			
OS Support	Win 10 IoT Enterprise Android 6.0 Linux Ubuntu 17.04		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		
			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		
Environmental Specifications	Operating Temperature	0 ~ 40° C (32 ~ 104° F)			
	Relative Humidity	10 ~ 95% @ 40° C non-condensing			
	Vibration	0.5G			
	Shock	5 G peak acceleration (11 msec. duration)			
	Certification	CE, FCC, UL, CB, CCC, BSMI			
Front Panel Protection	IP65/ NEMA4 Compliant				
Power	Input Rating	100-240V <sub>AC</sub> ~ 50/60Hz 2.5A			
	Power consumption	Typical 95W Max. 105W			
LCD Display	Size/Type	31.5" TFT LCD with LED backlight			
	Max.Resolution	1920 x 1080			
	Max. Color	16.7 M			
	Pixel Pitch (mm)	0.36375 (H) x 0.36375 (W)			
	Brightness (cd/m <sup>2</sup> )	300			
View Angle	178°/178°				
Touch Screen (PE/GE)	Type	Projected Capacitive Touch Panel (Pcap, Flat Glass) / Glass Panel (No touch function)			
	Light Transmission	90% ± 2% / 90%			
	Controller	USB Interface / -			

## Dimensions

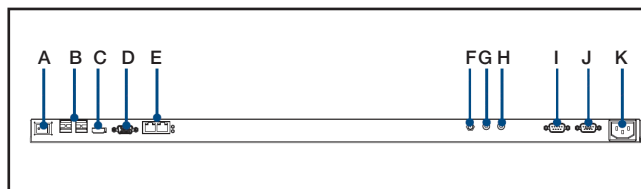
Unit: mm



## Ordering Information

Part No.	Description
UTC-532GP-ATB0E	31.5" Intel® Pentium® N4200 Based fanless UTC with PCT.T/S. 4 GB RAM
UTC-532FP-ATB0E	31.5 Intel® Core™ i5-6300U fanless UTC with PCT.T/S. 4GB RAM
UTC-532EP-ATB0E	31.5 Intel® Core™ i5-4300U fanless UTC with PCT.T/S. 4GB RAM
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596	Power Cord (China) CCC,10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG
1960060677N001	IO Cover for UTC-532 series

## Fully- Integrated I/O



- A. Power switch
- B. USB 3.0 x 2, USB 2.0 x 2
- C. HDMI
- D. VGA
- E. LAN Port x 2
- F. Antenna Port
- G. Line-out
- H. Mic-in
- I. COM2
- J. COM1
- K. AC Power

Side groove design for flexible peripheral installation



## Peripherals for UTC-500 series

Part No.	Description
UTC-P01-A1E	5M Camera Module For UTC-5XX (USB connection)
UTC-P02-A0E	Magnet Strip Reader For UTC-5XX (USB connection)
UTC-P03-A0E	RFID Reader For UTC-5XX (USB connection)
UTC-P06-A0E	Smart Card Reader For UTC-5XX (USB connection)
UTC-P07-A4E	2D Barcode Module (Honeywell) for UTC-500 Series (USB connection)
UTC-P09-A0E	Fingerprint reader for UTC-5xx (USB connection)
UTC-P21-A0E	4 in 1 Modules Barcode reader + RFID + Card reader + MSR

## Installation Accessory for UTC-532

Part No.	Description
UTC-WALL-MOUNT2E	Wall Mount kit for UTC-532
UTC-H01-STANDE	H-shaped floor stand