

UTC-015RC

15.6" ARM Based Android Enterprise AIO Touch Computer



Features

- GMS Certification (Google EDLA CERTIFIED)
- Better TCO with Rockchip ARM64 Processor
- 15.6" monitor with 16:9 widescreen display
- Modularized Peripheral Designed (RFID, Barcode, camera, LED light)
- Embedded in NFC module
- Supports both landscape and portrait screen orientations
- VESA 100 mm standard mounting holes for varied mounting demands
- Support DeviceOn/iService software for remote device management



Introduction

UTC-015 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.

Moreover, Advantech DeviceOn/iService Software is a next-generation unified device management unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn/iService enables easy device configuration and deployment for convenient remote device management.

Specifications

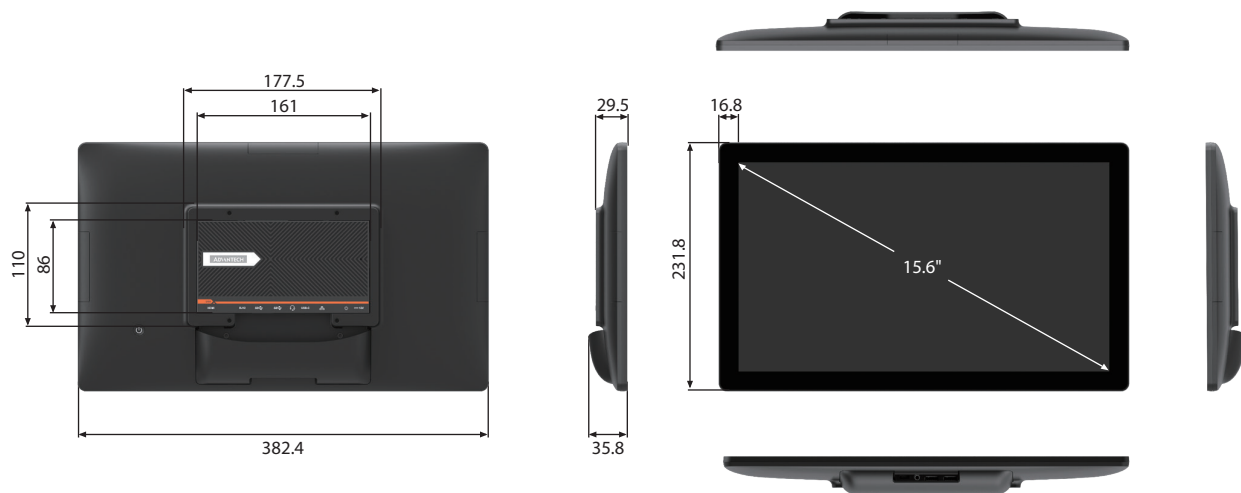
Model		UTC-015RC (standard)	UTC-015RC (Value)
Processor		Rockchip RK3576 (ARM® Quad-core Cortex-A72 @ 2.2GHz + Quad-core Cortex-A53 @ 1.8GHz)	Rockchip RK3576 (ARM® Quad-core Cortex-A72 @ 2.2GHz + Quad-core Cortex-A53 @ 1.8GHz)
	Chipset	SoC	SoC
	NPU	Integrated NPU with 6 TOPS	Integrated NPU with 6 TOPS
Graphics	GPU	ARM Mali-G52	ARM Mali-G52
Security	TPM	None	None
Memory		LPDDR4 4 GB onboard (8G optional)	LPDDR4 4 GB onboard (8G optional)
LCD Display	Size/Type	15.6" FHD	15.6" FHD
	Max. Resolution	1920 x 1080	1920 x 1080
	Max. Color	16.7M	16.2M (6+2bit FRC)
	Pixel Pitch (um)	179(H) x 179(V)	179(H) x 179(V)
	Brightness (cd/m2)	350	500
	View Angle	170°/170°	170°/170°
Touch Screen	Type	Projected Capacitive	Projected Capacitive
	Light Transmission	> 85%	> 85%
	Controller	USB Interface	USB Interface
I/O - Front	Video	USB-C x1 HDMI2.1 x1	USB-C x1 HDMI2.1 x1
	Audio	Audio-Out + MIC-In, Combo Audio Jack x1	Audio-Out + MIC-In, Combo Audio Jack x1
	USB	USB 3.1 Gen1 Type A(Blue) x2	USB 3.1 Gen1 Type A(Blue) x2
		USB-C(Supports DP 1.4, 4K@60Hz video output, 5V/3A, PD2.0, USB 3.1 Gen1 data transfer, OTG (USB2.0)) x1	USB-C(Supports DP 1.4, 4K@60Hz video output, 5V/3A, PD2.0, USB 3.1 Gen1 data transfer, OTG (USB2.0)) x1
	LAN	RJ45 x1 (1 x 10/100/1000 Mbps)	RJ45 x1 (1 x 10/100/1000 Mbps)
	Cash Draw	RJ12 (12V) x1	RJ12 (12V) x1
	Power Jack	DC 12V/60W x1	DC 12V/60W x1
	Button (Rear)	Power Button & LED x1	Power Button & LED x1
I/O - Side & Top	Expansion	Micro SD Card Slot x1 for additional storage (side)	Micro SD Card Slot x1 for additional storage (side)
	Button	Upgrade Button x1	Upgrade Button x1
Other	Speaker	2x 2W	2x 2W
	Mount Options	VESA 100 x 100 mm (Screw Size, M4, 7mm)	VESA 100 x 100 mm (Screw Size, M4, 7mm)
	Hatch	4 sides hatch auxiliary mounting for optional modules (up, bottom, right, left with USB interface)	4 sides hatch auxiliary mounting for optional modules (up, bottom, right, left with USB interface)
	Built-in module (optional)	RD60 NFC module Support ISO/IEC 14443A, ISO/IEC 14443B PICC	RD60 NFC module Support ISO/IEC 14443A, ISO/IEC 14443B PICC
	POE (optional)	PoE+ 25W (on- board)	PoE+ 25W (on- board)
Storage		Onboard eMMC 5.1: 64 GB	Onboard eMMC 5.1: 64 GB
Wi-Fi/Bluetooth		IEEE 802.11 b/g/n/ac/ax Wi-Fi compliant + Bluetooth 5.2 (on-board)	IEEE 802.11 b/g/n/ac/ax Wi-Fi compliant + Bluetooth 5.2 (on-board)
Operating System		Android 14 GMS, Android 14 NON-GMS, Debian	Android 14 GMS, Android 14 NON-GMS, Debian

Specifications (Cont.)

Environment Specification	Operating temperature	0 ~ 40 °C (32 ~ 104 °F)	0 ~ 40 °C (32 ~ 104 °F)
	Relative Humidity	10 ~ 95% @ 40 °C non-condensing	10 ~ 95% @ 40 °C non-condensing
Dimensions (W x D x H)		380 x 230 x 27.5 mm	380 x 230 x 27.5 mm
Weight		NW: TBD	NW: TBD
		GW: TBD	GW: TBD
Certifications	EMC	CE, FCC, CCC, BSMI	CE, FCC, CCC, BSMI
	Safety	UL, CB, CCC, BSMI	UL, CB, CCC, BSMI
Power Supply	Power Consumption	TBD	TBD
DeviceOn/iService Remote Device Management	Remote Download system and 3rd party app log	✓	
	Common Controls (Reboot, Shutdown)	✓	
	Remote Desktop (VNC TLS)	✓	
	Audio/Brightness Controls	✓	
	Connection Status	✓	
	Hardware & Storage Monitoring	✓	
	Power & Battery Monitoring	✓	
	OTA Android OS Upgrade	✓	
	OTA Script Execute	✓	
	OTA Software Update	✓	
	Application Install/Uninstall Policy Control	✓	
	Device Auto Locked Based on Network status	✓	
	Peripherals Watchlist	✓	

Dimensions

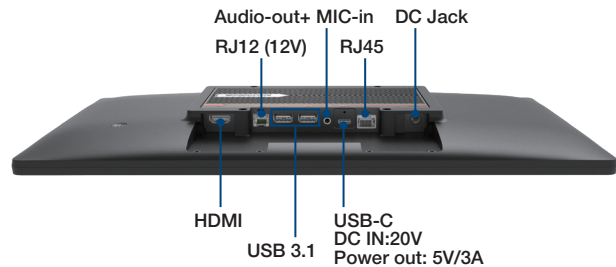
Unit: mm



Ordering Information

P/N	Description
UTC-015RCP-BEGS0	15.6", RK3576, 4/64G, FHD 350nits, Android 14 GMS, WiFi, standard
UTC-015RCP-BEGV0	15.6", RK3576, 4/64G, FHD 500nits, Android 14 GMS, WiFi, Value
UTC-015RCP-BENS0	15.6", RK3576, 4/64G, FHD 350nits, Android 14, non-GMS, WiFi, standard
UTC-015RCP-BENV0	15.6", RK3576, 4/64G, FHD 500nits, Android 14, non-GMS, WiFi, Value

I/O Interface



UTC-015RC Package Content

- 1 unit UTC-015RC AIO touch Computer
- 1 pcs DC12V/60W Power Adapter

Optional Accessories

Product	P/N	Usage	Description
Mounting Kit	TBD	1	UTC-015RC VESA Kit
Power Cord	1700001524	1	3P UL 10A 125V 180cm(American)
	170203183C	1	3P EU (WS-010+083) 183CM(European)
	1700018553	1	Power Cord SAA 3P 2.5A 250V 183cm(Australia)
	1700025113-11	1	Power Cord ISI 3P 2.5A 250V 180cm(India)
	1700018409	1	Power Cord KCC 2P 2.5A 250V 183cm(Korea,Russia)
	1700024849-01	1	Power Cord BSMI 3P 2.5A 125V 180cm(Taiwan)
	170203180A-01	1	Power Cord ASTA 3P 2.5A 250V 183cm
	1700008921	1	3P 1.8M PSE 7A 125V(Japan)
	1700019146	1	Power Cord CCC 3P 2.5A 250V 183cm
USB-C Input (optional)	96PSA-A65WPDUC	1	ADP A/D 100-240V 65W 5/9/15/20 PD USB-C