USC-160

15.6" RISC base all in one

Features

- 15.6" TFT display in LED backlight
- Flat and bezel-free front P-CAP touch panel design
- Reserved side hatch for optional peripheral
- Embedded RFID and camera for optional module
- Supports 75x75mm VESA mount, wall mount and panel mount
- Ultra slim 12mm of front panel
- IP65 for front panel
- Android AIO system

Specifications

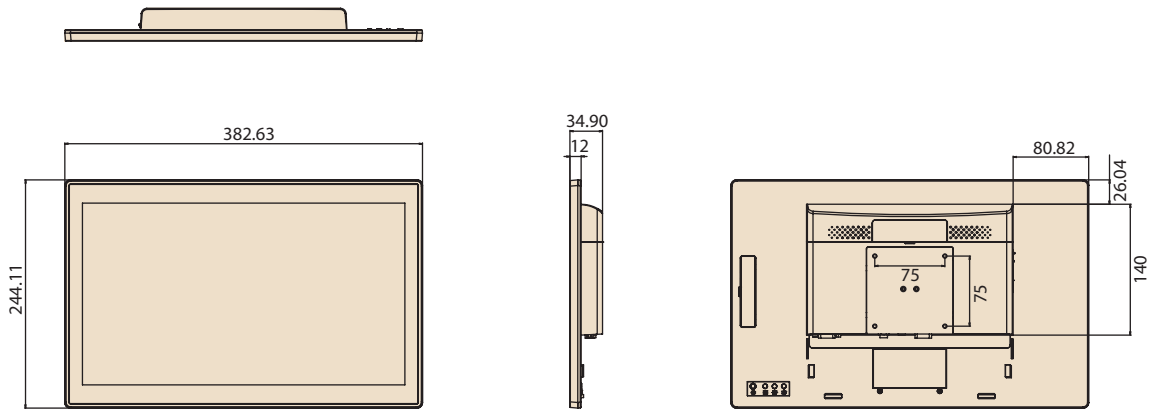
		15.6" HD	15.6" Full HD
System	CPU	Rockchip RK3288 Quad-core ARM cortex-A17 up to 1.8GHz	Rockchip RK3288 Quad-core ARM cortex-A17 up to 1.8GHz
Graphics	GPU	Mali-T764	Mali-T764
	Graphics Engine	OpenGL ES1.1/2.0/3.0, OpenCL 1.1, DirectX11	OpenGL ES1.1/2.0/3.0, OpenCL 1.1, DirectX11
Memory	Capacity	2GB onboard DDR3L (1333MHz)	2GB onboard DDR3L (1333MHz)
	Flash	8GB of on board eMMC (16GB for optional)	8GB of on board eMMC (16GB for optional)
	Extension	Micro SD	Micro SD
Display	Display Size	15.6" wide TFT color LCD (16:9)	15.6" wide TFT color LCD (16:9)
	Touch Screen	Projected Capatcitive Touch Panel (PCAP.Flat Glass)	Projected Capatcitive Touch Panel (PCAP.Flat Glass)
	Max Resolution	1366 x 768 (H x V)	1920 x 1080 (H x V)
	Pixel Pitch (mm)	0.1875(H) x 0.1875(V)	0.17295(H) x 0.17295(V)
	Viewing Angle	45 (Left/Right)/20 (Top)/40 (bottom)	85 for Horizontal and Vertical
	Luminance	220cd/m^2	350cd/m^2
	Backlight	LED	LED
	LCD MTBF	15,000 hours	50,000 hours
	Contrast Ratio	500:1	1000:1
External I/O	HDMI	1	1
	LAN	1 x 10/100/1000 Mbps	1 x 10/100/1000 Mbps
	Serial Port	1 (RS 232/485 by jumper) (max to 2ports, one for RS232 only)	1 (RS 232/485 by jumper) (max to 2ports, one for RS232 only)
	USB 2.0	2 (max to 4 ports)	2 (max to 4 ports)
	Audio	1	1
	Power button	1	1
	12V DC in	1	1
	Micro SD slot	1	1
	Sim card slot	1	1
Other	Speaker	2W	2W
	Mount	VESA mount 75x75mm	VESA mount 75x75mm
	Hatch	Right /Bottom Hatch reserved mounting for optional module	Right /Bottom Hatch reserved mounting for optional module
	Adaptor	12V/36W	12V/36W
Optional Function	RFID (Embedded)	1443A/B,15693,Filcon	1443A/B,15693,Filcon
	Camera (Embedded)	2.0M Camera module w/o LED	2.0M Camera module w/o LED
	Wifi/BT	Wifi: 802.11ac/a/b/g/n 2T2R BT: 4.2 Wifi/ BT combo module	Wifi: 802.11ac/a/b/g/n 2T2R BT: 4.2 Wifi/ BT combo module
	4G	USA/EU Certificate need to extra discuss	USA/EU Certificate need to extra discuss
IP Rating	Front Panel	IP65	IP65
Environmental	Operating Temperature	0 ~ 40 °C	0 ~ 40 °C
	Humidity	10 ~ 95% @ 40 °C (Non-Condensing)	10 ~ 95% @ 40 °C (Non-Condensing)
Mechanical	Color	Black or White	Black or White
	Dimensions (W x D x H)	296.01 x 189.88 x 34.9 mm	296.01 x 189.88 x 34.9 mm
	Weight	2kg	2kg
Certificate	EMI/Safety	FCC/CE/CCC/BSMI/VCCI/UL/CB	FCC/CE/CCC/BSMI/VCCI/UL/CB

All product specifications are subject to change without notice.

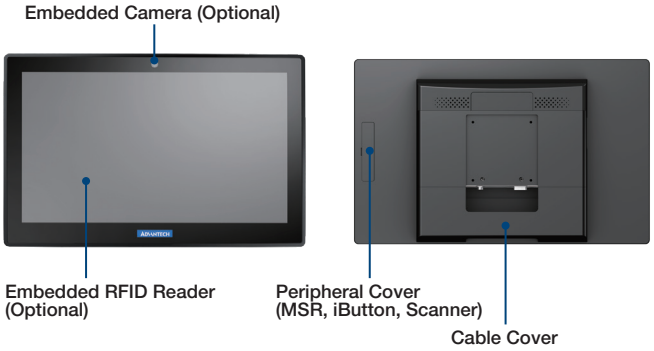
Last updated: 7-Jan-2020

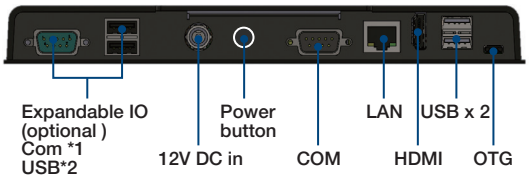
Dimensions

Unit: mm



I/O View





Peripheral (2yrs warranty)

Part Number	Description
USC-P03-B200	MSR,USB for USC-MX/1XX
USC-P03-B201	ibutton,USC for USC-MX/1XX
UTC-S01-STAND	UTC VESA 75x75 or 100x100 Desktop Stand for Vertical solution
UPOS-P07-A100	Stand, double hinge,VESA75x75,BK for Horizontal Solution

Packing List

Part Number	Description
-	12V 36W adaptor
-	4 x VESA Screws
-	1 x quick start guide

Accessory

Part Number		Description
Power Cord	96CB-POWER-B-1.8MB	RW0.75 Black/3L 1.8M(CCC)
	1700001524	3P UL 10A 125V 180cm(America,TW)
	170203183C	3P 3P EU (WS-010+083) 183CM(European)
	1700018553	Power Cord SAA 3P 2.5A 250V 183cm(Australia)
	1700025113-11	Power Cord ISI 3P 2.5A 250V 180cm(India)
	1700018409	Power Cord KCC 2P 2.5A 250V 183cm(Korea,Russia)
	170203180A	Power Cord BSI 3P 2.5A 250V 183cm(UK)
	1700008921	3P 1.8M PSE 7A 125V(Japan)
HDMI cable	1700028438-01	M cable HDMI 19P/HDMI 19P 180cm

Ordering Information (2yrs warranty)

Part Number	Description
USC-160AP-BR100	15.6" P-cap HD Cortex A17,2G/8G,Android 6.0
USC-160AP-BR101	15.6" P-cap HD Cortex A17,2G/16G,Android 6.0
USC-160AP-BR103	15.6" P-cap HD Cortex A17,2G/16G,RFID,Camera Android 6.0
USC-160AP-BR110	15.6" P-cap i-FHD 350nits Cortex A17,2G/8G,Android 6.0
USC-160AP-BR120	15.6" P-cap Cortex A17,2G/8G,2xCOM, 4xUSB, Android 6.0