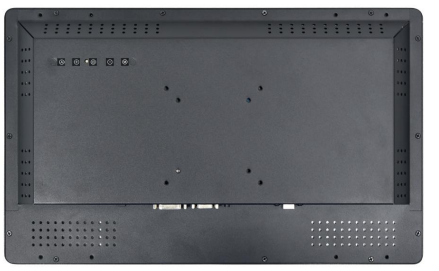
18.5 Inch PCAP Touchscreen Monitor

Multi installations as Open Frame/Closed Frame/ Embedded Touch Monitor
Projected Capacitive Touch screen, Multi Touch, 3mm Tempered Clear Glass Cover. Surface IP65 Waterproof
LCD Resolution 1920*1080 Brightness 250cd/m2, VGA/DVI/HDMI, USB Touch, 12V DC

Model Number	OB185PTK3-FHD	
Total parameter	Diagonal Size	18.5 inch a-Si TFT-LCD, LCM
	Aspect Ratio	16:9
	Enclosure Color	Black
	Video Input	VGA/DVI/HDMI
	Speakers	Optional
Mechanical	Monitor Dimensions	454×277×40mm
	VESA Holes (mm)	75×75mm,100×100mm
LCD Panel	Active Area(mm)	410.9(H)×231.4(V) mm
	Resolution	1920(RGB)×1080 [FHD]
	Dot Pitch(mm)	0.100×0.300 mm (H×V)
	Viewing angle(Typ.)(CR≥10)	85/85/80/80 (Typ.)(CR≥10)
	Contrast (Typ.) (TM)	1000:1 (Typ.) (TM)
	Brightness (typical)	LCD Panel: 250 nits
		PCAP: 220 nits
	Response Time (Typ.)(Tr/Td)	3.6/1.4 (Typ.)(Tr/Td) (ms)
	Support Color	16.7M 72% NTSC
	Backlight MTBF(hr)	WLED [7S4P] , 30K hours
Touchscreen	Touch Technology	PCAP Touch, Capacitive Touch Screen
	Input Methods	Finger, Gloved hand, Passive stylus
	Number of Touches	Single - Touch and 10 Multi Touch
	Glass Thickness	3mm Tempered Glass
	Light Transmission	90%
	Response Time	8 ms
	Life Span	Over 50 million touches in one location
	Positional Accuracy	± 1.5mm
	Touch interface	USB
		RS232(Optional)
	Operating System	Windows XP
		Windows 7
		Windows 10
		Linux
		Android
Power	Power Consumption (W)	DC 12V /4A ,DC head 5.0x2.5MM
	Input Voltage	100-240 VAC, 50-60 Hz
	MTBF	50000 hr at 25°C
Environment	Operating Temp.	0～50°C
	Storage Temp.	-20～60°C
	Operating RH:	20%～80%
	Storage RH:	10%～90%
Accessories	Packing List	1 × Power Adapter, 1 × Power Cable
		1 × USB Cable, 1 × HDMI Cable
		Rear Mount brackets
Warranty	Warranty Period	1 Year Free Warranty
	Technical Support	Lifetime
Certificate	Lab Approval	CE, CB, EMC

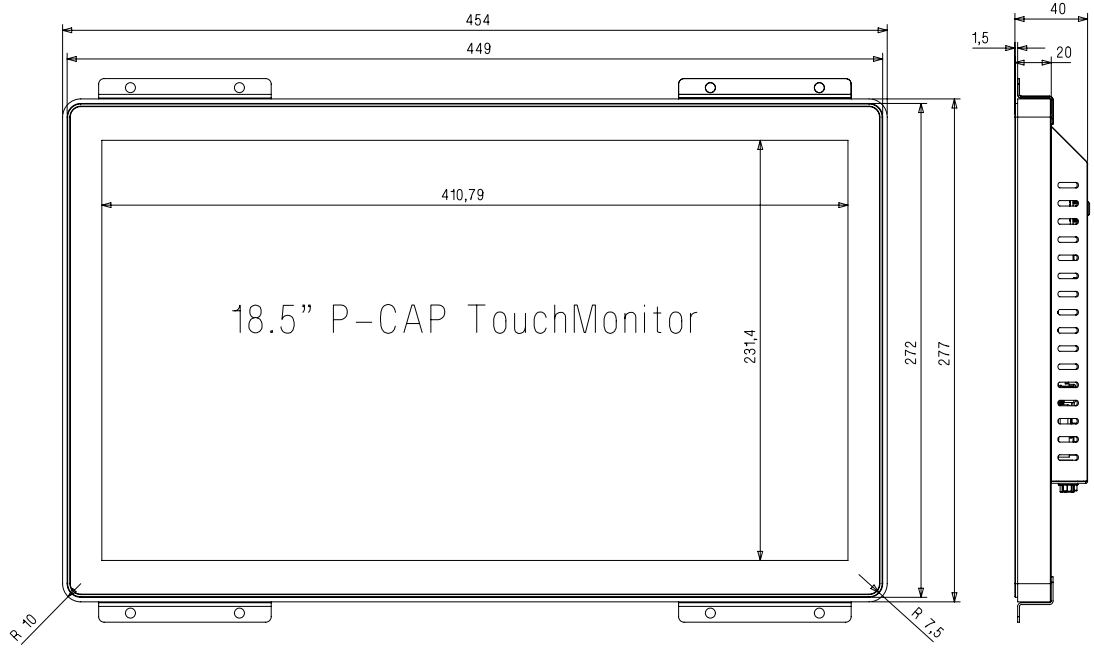


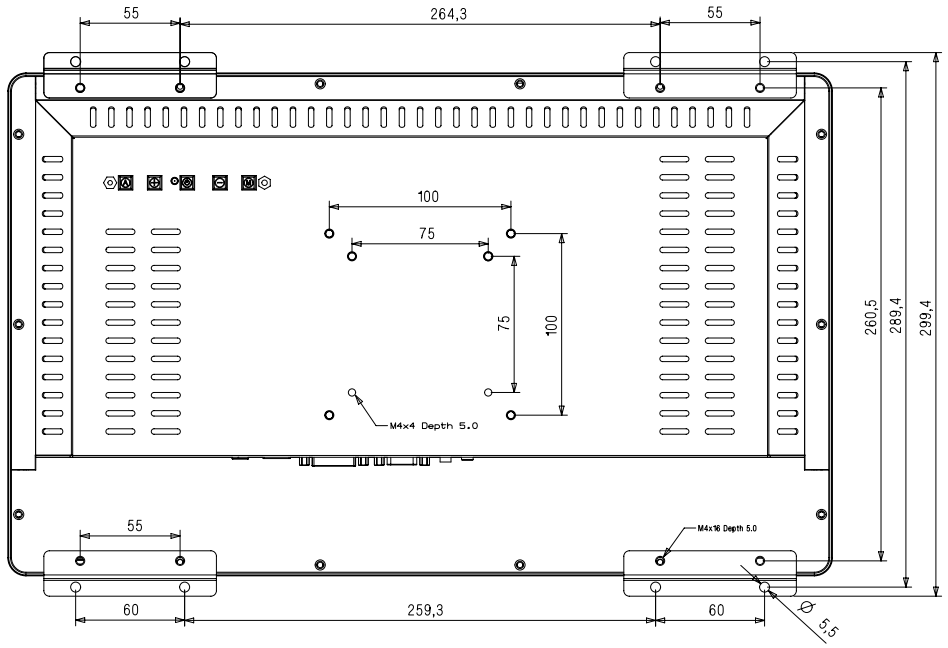
Computer Optional for All in one Panel PC

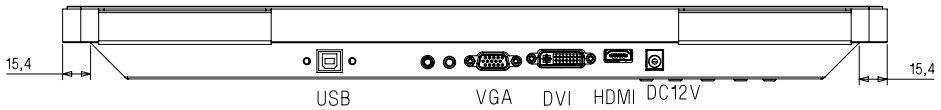
Android Computer	CPU	Rockchip-RK3566/RK3568/RK3399/RK3588
	Memory (RAM)	2GB (Optional 4GB)
	Storage	EMMC 16GB (Optional 32GB/64GB)
	USB	2 x USB 2.0
	LAN	LAN (RJ45) 10M/100M Adaptive Ethernet *1
	HDMI	HDMI *1
	Wi-Fi	WIFI, BT4.0 *1
	4G Module	Mini PCI-E (Optional)
	Real Time Clock	Support Real Time Clock
	Timer switch	Support Timer Switch
	OS	Android 11 / Android 13 / Android 14
	System Upgrade	Support SD card / Computer update
	Other Optional Functions	GPS
		RS232
		RS485
		Speakers
		Camera
		TFT

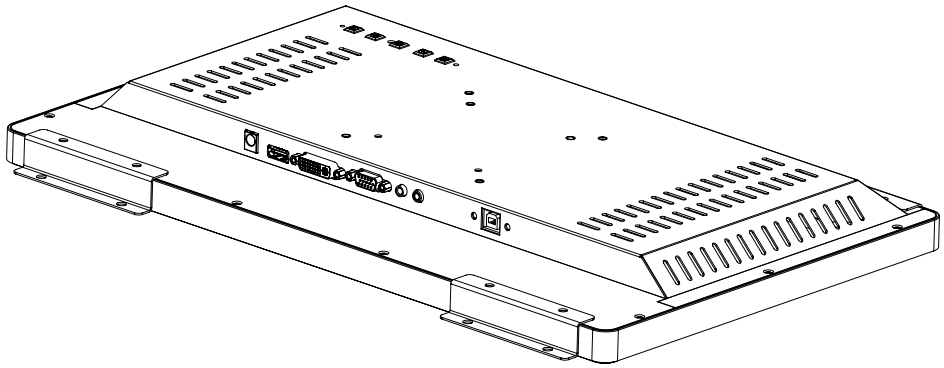
Windows Computer Celeron Series	Mother board	X86 Motherboard
	CPU	Intel Celeron J4125 / J6412 / J1900
	Graphics	Intel® HD Graphics
	Video Output	VGA/HDMI
	Memory (RAM)	8GB DDR4
	Storage	128 GB SSD MSATA
	USB	2 x USB 3.0
		2 x USB 2.0
	LAN	Realtek RTL8111
	LAN x2	Optional
	Mini- PCIE Slot	Support Wi-Fi+Bluetooth
	SIM Card Slot	1 x Internal SIM Card Slot
	Audio	1*Line-out, 1×Mic
	BIOS	AMI BIOS
	OS	Windows 10 / Windows 11 / Linux

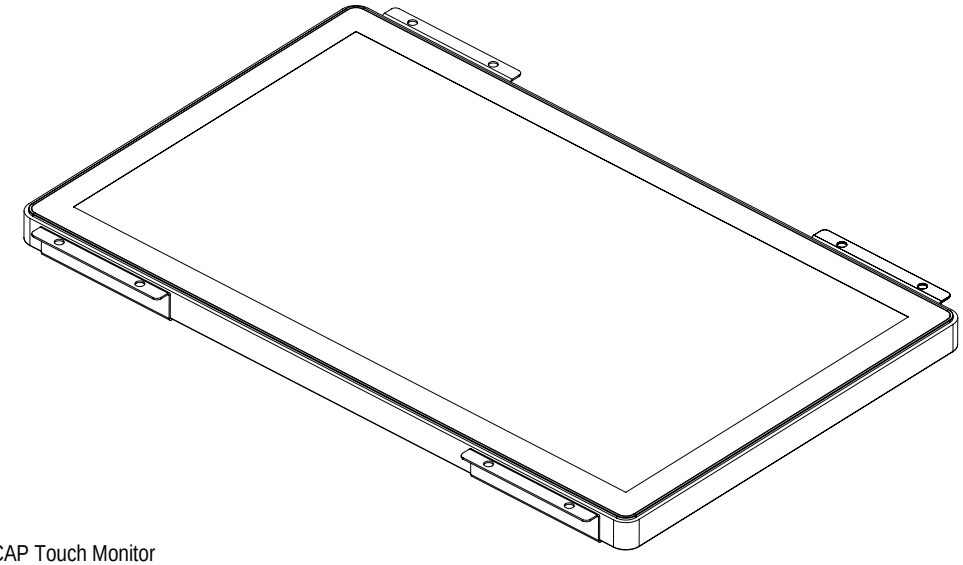
Windows Computer Intel Series	Mother board	X86 Motherboard
	CPU	i3/i5/i7 4^{th} -13^{th}
	Graphics	Intel® UHD Graphics
	Video Output	VGA/HDMI
	Memory (RAM)	8GB/16GB/32GB DDR4
	Storage	256 GB/512G/1TB SSD MSATA
	USB	2 x USB 3.0
		2 x USB 2.0
	LAN	Realtek RTL8111
	LAN x2	Optional Realtek RTL8111
	Mini- PCIE Slot	Support Wi-Fi+Bluetooth
	SIM Card Slot	1 x Internal SIM Card Slot
	Audio	1*Line-out, 1×Mic
	BIOS	AMI BIOS
	OS	Windows 10











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