



Open Frame Panel PC



Open Frame Panel PC - OFT Series			
Model Number	OFT-07WR1	OFT-10WR1	OFT-15WR1
LCD Size	7"	10.1"	15.6"
Resolution	800 x 1280	1280 x 800	1920 x 1080
Luminance	300	350 / 1000	220
Viewing Angle	160° (H/V)	170° (H/V)	170° (H/V)
Touch Type	PCAP	PCAP	PCAP
Processor	Rockchip RK3288		
System Memory	2GB DDR3L RAM		
Wireless	802.11 b/g/n Wireless LAN		
Storage	16GB eMMC		
External I/O Connector	1 x Giga Ethernet 2 x USB 2.0 type A connectors 1 x HDMI 1.4a connector 1 x Head phone jack 1 x DC jack 1 x Reset		
Internal I/O Connector	1 x LVDS interface, 1 x MIPI interface 1 x USB Touch interface, 1 x I ² C Touch interface 1 x Micro USB client (Android only) 1 x USB CAM_DMIC interface 1 x RS232 (TX/RX), 1 x RS485 1 x GPIO (16bit) interface 1 x Speaker interface 1 x A-MIC interface 1 x Micro SD slot 1 x Touch button connector 1 x I ² C sensor interface 1 x Debug connector 1 x Battery charger connector 1 x DC input 4-pin header 1 x M.2 B-Key socket 1 x RTC battery	1 x LVDS interface 1 x eDP interface 1 x USB Touch interface 1 x Micro USB client (Android only) 1 x USB CAM_DMIC interface 1 x USB OTG 1 x RS232 (TX/RX), 1 x RS485 1 x GPIO (16bit) interface 1 x Speaker interface 1 x A-MIC interface 1 x Micro SD slot 1 x Touch button connector 1 x I ² C sensor interface 1 x Debug connector 1 x DC input 4-pin header 1 x M.2 B-Key socket 1 x RTC battery	1 x 16 bit GPIO interface 1 x USB interface 1 x LVDS interface 1 x backlight control & power 2 x speaker interface (1.2W stereo) 1 x A-MIC interface 1 x Touch button connector 1 x DC input 4pin header 1 x I ² C interface(7" & 10") 1 x RS232 (TX/RX) or RS485 1 x Micro SD slot
Power Requirement	DC 12 ~ 24V		
Power Type	DC Jack, DC input 4-pin header, optional Powered LAN 802.3AT	DC Jack, DC input 4-pin header	
Operating Temperature	0°C ~ 40°C		
Storage Temperature	-20°C ~ 60°C		
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing		
Software Support	Android 8.1		
Dimension	115.9 x 183.1 x 33.4 mm	252 x 166 x 32.7 mm / 252 x 166 x 38.2 mm	387 x 235 x 35.3 mm
Weight	0.45 kg	0.7 kg	1.5 kg
Certification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

Open Frame Panel PC - OFT Series				
Model Number	OFT-07W01	OFT-10W01	OFT-15W01	OFT-21W01
LCD Size	7"	10.1"	15.6"	21.5"
Resolution	800 x 1280	1280 x 800	1920 x 1080	1920 x 1080
Luminance	300	350	220	250
Viewing Angle	160° (H/V)	170° (H/V)	178° (H/V)	178° (H/V)
Touch Type	PCAP	PCAP	PCAP	PCAP
Processor	Intel® Atom™ Processor Z3735F 1.33GHz Quad Core CPU			
System Memory	2GB DDR3L RAM			
Wireless	802.11 b/g/n WiFi			
Storage	32GB or 8GB eMMC			
External I/O Connector	1 x 10/100 LAN port 2 x USB 2.0 type A connector 1 x HDMI 1.4a connector 1 x Head Phone Jack 1 x DC Jack			
Internal I/O Connector	1 x 16 bit GPIO interface 1 x USB interface 1 x LVDS interface 1 x backlight control & power 2 x speaker interface (1.2W stereo) 1 x A-MIC interface 1 x Touch button connector 1 x DC input 4pin header 1 x I ² C interface(7" & 10") 1 x RS232 (TX/RX) or RS485 1 x Micro SD slot			
Power Requirement	DC 12 ~ 24V			
Power Type	1 x DC-in Jack, 1 x DC-in header	1 x DC-in Jack, 1 x DC-in header Optional Powered LAN 802.3AT	1 x DC-in Jack, 1 x DC-in header	1 x DC-in Jack, 1 x DC-in header
Operating Temperature	0°C ~ 40°C			
Storage Temperature	-20°C ~ 60°C			
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing			
Software Support	Windows 10/ Android 4.4/ Android 5.1/ Ubuntu 16.04			
Dimension	116 x 184 x 25 mm	252 x 166 x 38 mm	387 x 235 x 38 mm	500 x 292 x 47 mm
Weight	0.5 kg	0.7 kg	1.5 kg	3 kg
Certification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

Open Frame Panel PC



User Centered Design

- Slim Design
- Full Flat Screen
- P-Cap Touch
- Dual Display

Easy Mounting Solutions

- Flush Mounting
- Wall Mounting

Multi-OS Support

- Windows 10 IoT enterprise 2019 LTSC entry for embedded application.
- Linux support mainly on Ubuntu 18.04
- x86 based Android support on version 8.1 & 9.0



Open Frame Panel PC - OFT Series						
Model Number	OFT-07W03	OFT-10W03	OFT-15W03	OFT-10W04	OFT-15W04	OFT-21W04
LCD Size	7"	10.1"	15.6"	10.1"	15.6"	21.5"
Resolution	800 x 1280	1280 x 800	1920 x 1080	800 x 1280	1920 x 1080	1920 x 1080
Luminance	300	350	220	350	220	250
Viewing Angle	160° (H/V)	170° (H/V)	170° (H/V)	170° (H/V)	170° (H/V)	178° (H/V)
Touch Type	PCAP	PCAP	PCAP	P-CAP	P-CAP	P-CAP
Processor	Intel® Atom™ x5-Z8350: 2M Cache, up to 1.92 GHz			Intel® Celeron® J3455 2M Cache 1.50 GHz		
System Memory	2G / 4G DDR3L RAM			1 x 204 pin SO-DIMM DDR3L 4GB		
Wireless	802.11a/b/g/n/ac Wireless LAN			802.11a/b/g/n/ac (2230)		
Storage	32G / 64G eMMC			32GB (eMMC) / M.2 3042 SSD		
External I/O Connector	1 x 10/100 Ethernet 1 x USB 2.0 / 1 x USB 3.0 type A connectors 1 x HDMI 1.4a connector 1 x Head phone jack 1 x DC jack 1 x Reset			1 x Giga LAN port 2 x USB 3.0 1 x HDMI 1 x HP jack 1 x DC jack 1 x Reset		
Internal I/O Connector	1 x LVDS interface 1 x eDP interface 1 x USB Touch interface 1 x I²C Touch interface 1 x USB CAM_DMIC interface 1 x Micro USB (Android only) 1 x RS232 (TX/RX), 1 x RS485 1 x GPIO's (16bit) interface 1 x Speaker interface 1 x A-MIC interface 1 x Micro SD slot 1 x Touch button connector 1 x I²C sensor interface 1 x Debug connector 1 x DC-in wafer 1 x M.2 3042 B-Key socket 1 x RTC battery			1 x MIPI interface 1 x eDP interface 1 x LVDS interface 1 x Amic 1 x USB 1 x SPK 1 x Touch button 1 x RS485/RS232 1 x RS232 1 x DIO 1 x Micro USB (Android only) 1 x SD card slot 1 x DC-in wafer 1 x M.2 3042 B-Key (SSD or WWAN)		
Power Requirement	DC 12 ~ 24V			DC 12V~24V		
Power Type	1 x DC-in Jack 1 x DC-in wafer			1 x DC-in Jack 1 x DC-in wafer		
Operating Temperature	0°C ~ 40°C			0°C ~ 40°C		
Storage Temperature	-20°C ~ 60°C			-20°C ~ 60°C		
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing			40°C @ 95% Relative Humidity, Non-condensing		
Software Support	Win 10 / Ubuntu 19.04			Win 10 / Ubuntu		
Dimension	120 x 180 x 33.45 mm	252 x 166 x 32.7 mm	387 x 235 x 35.3 mm	254 x 178 x 32.8 mm	384 x 254 x 36.7 mm	515 x 322 x 44.9 mm
Weight	0.5 kg	0.7 kg	1.5 kg	0.8 kg	1.7 kg	3.8 kg
Certification	CE, FCC Class A					

Open Frame Panel PC - OFT Series					
Model Number	OFT-07W33	OFT-15W33	OFT-21W33	OFT-15W36	OFT-21W36
LCD Size	7", 16:10	15.6", 16:9	21.5", 16:9	15.6", 16:9	21.5", 16:9
Resolution	1280 x 800	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Luminance	300 cd/m²	220 cd/m²	250 cd/m²	220 cd/m²	250 cd/m²
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
Touch Type	Projective Capacitive Multi-Touch supports up to 10 points			Projective Capacitive Multi-Touch supports up to 10 points	
Processor	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor			Onboard 8th Gen Intel® Whiskey Lake U Core™ SoC i7/i5/i3 & Celeron® BGA Processor	
System Memory	Default with 4GB DDR3L Memory Option supports up to 8GB DDR3L 1600 & 1333MHz by One SO-DIMM socket (for OFT-07W33) Option supports up to 16GB DDR3L 1600 & 1333MHz by Two SO-DIMM socket (for OFT-15W/21W33)			Default with 4GB DDR3L Memory Option support up to 32GB DDR4 2400MHz by Two SO-DIMM socket	
Wireless	Option by Mini PCIe : 802.11a/b/g/n/ac Wireless LAN and Bluetooth 4.0+			Option by M.2 802.11a/b/g/n/ac Wireless LAN and Bluetooth 4.0+	
Storage	Default by 64GB mSATA by mPCIe Slot (Option for SATA interface 2.5" HDD/SSD (for OFT-15W/21W33)			Default by 64GB by M.2 slot (Option for SATA interface 2.5" HDD/SSD)	
I/O Connector	4 x USB 2.0 (option for OFT-15W/ 21W33); 2 x USB2.0 (option for OFT-07W33) 1 x RS232 (default)/ RS422/485, 4 x RS232 (option for OFT-15W/21W33) 1 x RS232 (option for OFT-07W33) 16-bit GPIO with DB9 connector (option for OFT-15W/21W33) 8-bit GPIO with DB9 connector (option for OFT-07W33)			4 x USB 3.1, 4 x USB 2.0 (option) 1 x RS232 (default)/ RS422/ 485 4 x RS232 (option, pin9 without power) 16-bit GPIO with DB9 connector(option)	
Option Features	Available Panel mount kits, Wall mount kits by option				
Power Requirement	+12V~26V DC in	+12V~24V DC in 3 pins Phoenix connector and Lockable DC Jack Extend Power Connector for on/off or Reset			
Power Type	AT/ATX (Default is AT Mode)				
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)				
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)				
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing				
Software Support	Windows 10 IoT, Linux, x86 Android 8.1			Windows 10 IoT, Linux	
Dimension	183.1 x 115.8 x 51.6 mm	387 x 235 x 46 mm	501.9 x 296.2 x 52.4 mm	387 x 235 x 46 mm	501.9 x 296.2 x 52.4 mm
Weight	1.1 kg	2.5 Kg	4.1 Kg	2.5 Kg	4.1 Kg
Certification	CE, FCC Class A				