



Features

- Intel® Celeron™ Processor J3455
- 24 pin SO-DIMM DDR3 4GB
- 32GB eMMC
- -20°C ~ 60°C (-4°F ~ 140°F)
- CE, FCC Class A



Intel®
Celeron™
Processor
J3455



4GB DDR3L



32GB
eMMC
on board



PCAP
multi-touch



CE, FCC
Class A

Specifications

System Information

Processor	Intel® Celeron® Processor J3455
System Memory	24 pin SO-DIMM DDR3 4GB

Storage

Storage	32GB eMMC
---------	-----------

Display

Multiple Display	LVDS + HDMI
------------------	-------------

Power Requirement

DC Input	DC 12~24V
----------	-----------

Software Support

OS	2019 Windows 10 (64 bit) IoT LTSC, Ubuntu 20.04
----	---

Certification

Certification Information	CE, FCC Class A
---------------------------	-----------------

Panel

LCD Size	21.5"
LCD Panel	TFT LCD
Display Type	Full HD
Resolution	1920 x 1080
Pixel Pitch	0.24795 x 0.24795 mm
Luminance	250 cd/m ²
Contrast Ratio	3000
Viewing Angle	89(U), 89(D), 89(L), 89(R)
Response Time	5 ms
Backlight	LED
Touch Type	PCAP
Touch Light Transmission	85%

External I/O

External I/O Connector	1x 10/100/1000 RJ45 Powered LAN 1x DC Jack 1x Headphone Jack 1x HDMI 1.4 Out 1x Reset 2 x USB 3.0 Type A
------------------------	---

Internal I/O

Internal I/O Connector	1x A-MIC 1x DC Input 1x DIO 1x M.2 3042 B-Key or M.2 2242 B-key 1x Micro USB 1x MIPI DSI 1x RS232 interface 1x RS232, RS485 1x SD card slot 1x Speaker 1x Touch Button
------------------------	--

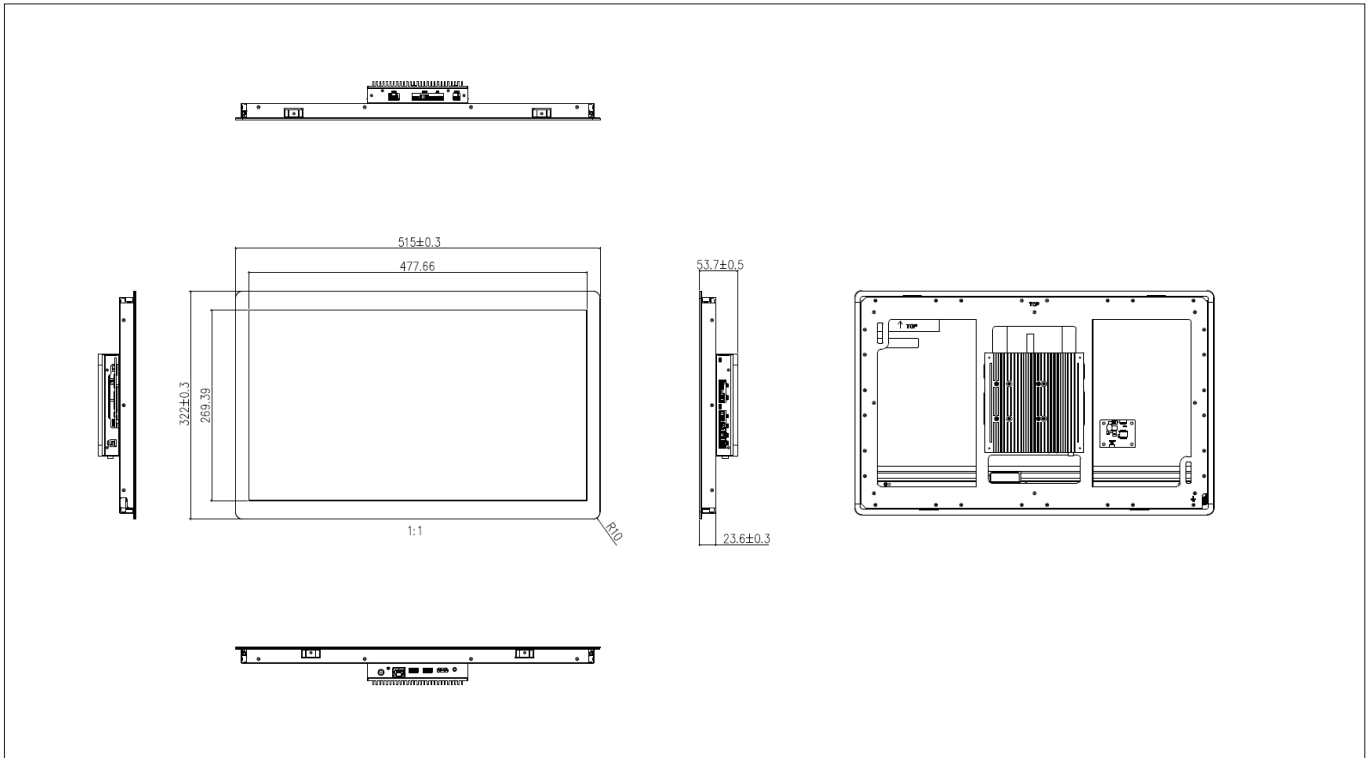
Data Communication

WLAN	WIFI 802.11 a/b/g/n/ac M,2 2230 E-key
------	---------------------------------------

Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative humidity, Non-condensing
Dimension (W x L x H)	515 x 322 x 53.7mm
Weight	4.3 kg
Power Requirement	DC 12~24V

Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Resolution	I/O Ports (COM/USB/LAN)	Power Input	Working Temp.	OS Support
OFT-21W04-3410-A1R	PCAP	Intel® Celeron® Processor J3455	4GB RAM	32GB eMMC	1920 x 1080	0/2/1	DC 12~24V	0°C ~ 40°C (32°F~104°F)	Ubuntu 20.04
OFT-21W04-3411-A1R	PCAP	Intel® Celeron® Processor J3455	4GB RAM	32GB eMMC	1920 x 1080	0/2/1	DC 12~24V	0°C ~ 40°C (32°F~104°F)	2019 Windows 10 IoT LTSC
OFT-21W04-3412-A1R	PCAP	Intel® Celeron® Processor J3455	4GB RAM	32GB eMMC	1920 x 1080	0/2/1	DC 12~24V	0°C ~ 40°C (32°F~104°F)	without OS

Packing List

Item	P/N	Quantity
Extended Bracket	BCC-OFT-BKT21-03R	
Panel Mount Kit	BCC-OFT-PMK21-03R	
Wall Mount Kit	BCC-OFT-WMK21-03R	
DIO/USB/RS232/RS485 cable kit for testing	BCC-OFT-CABLE-04R	

I/O Overview

