



Features

- Intel® Celeron™ Processor J3455
- 4GB LPDDR3
- 32GB eMMC
- -20°C ~ 60°C (-4°F ~ 140°F)
- CE, FCC Class A



Intel® Celeron™ Processor J3455



4GB DDR3L



32GB eMMC



PCAP



Windows 10

Specifications

System Information

Processor	Intel® Celeron® Processor J3455
System Memory	4GB LPDDR3 SO-DIMM

Storage

Storage	32GB eMMC
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Display

Multiple Display	eDP + HDMI
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Power Requirement

DC Input	DC 12~24V
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Software Support

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

Certification Information	CE, FCC Class A
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Panel

LCD Size	15.6"
LCD Panel	TFT LCD
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	179.25 x 179.25 um
Luminance	220 cd/m ²
Contrast ratio	800
Viewing angle	85 (U), 85 (D), 85 (L), 85 (R)
Response time	30 ms
Backlight	LED
Touch Type	PCAP
Touch Light Transmission	85%

External I/O

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

Internal I/O Connector	1 x A-MIC 1 x DC Input 1 x DIO 1 x M.2 3042 B-Key or M.2 2242 B-key 1 x Micro USB 1 x MIPI DSI 1 x RS232/422/485 Debug 1 x SD card slot 1 x Speaker 1 x Touch Button
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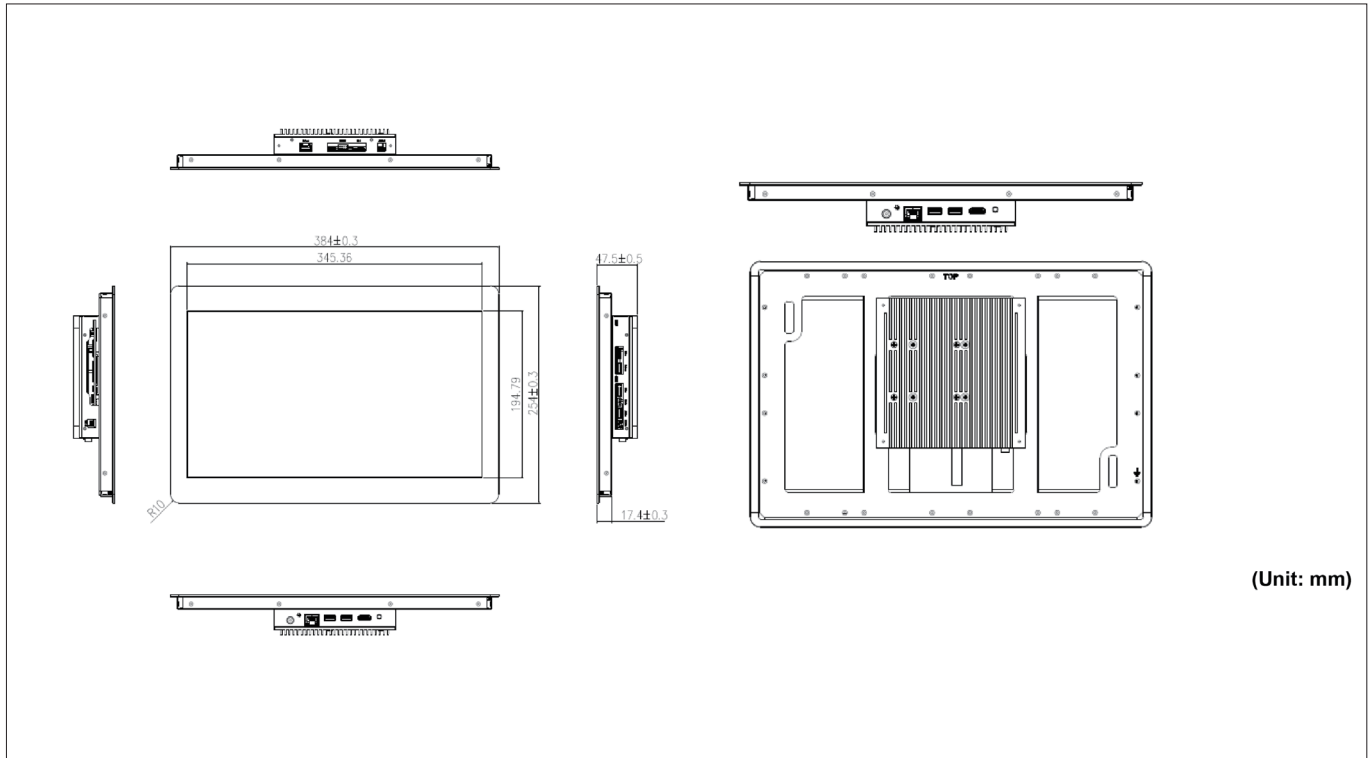
Data Communication

WLAN	WIFI 802.11 a/b/g/n/ac
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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)	384 x 254 x 47.5mm
Weight	2.2 kg
Power Requirement	DC 12~24V

Mechanical Drawing



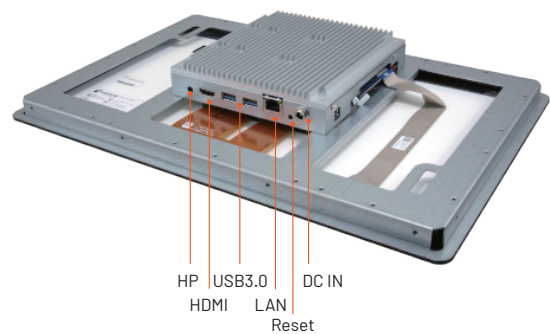
Ordering Information

P/N	Touch Type	Processor	Memory	Panel Size	Storage	Resolution	Brightness	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
OFT-15W04-3410-A1R	PCAP	Intel® Celeron™ Processor J3455	4GB DDR3L	15.6"	32GB eMMC	1920 x 1080	220 cd/m ²	0/2/1	HDMI	DC 12~24V	0°C ~ 40°C	Ubuntu 20.04
OFT-15W04-3411-A1R	PCAP	Intel® Celeron™ Processor J3455	4GB DDR3L	15.6"	32GB eMMC	1920 x 1080	220 cd/m ²	0/2/1	HDMI	DC 12~24V	0°C ~ 40°C	2019 Windows 10 IoT LTSC
OFT-15W04-3412-A1R	PCAP	Intel® Celeron™ Processor J3455	4GB DDR3L	15.6"	32GB eMMC	1920 x 1080	220 cd/m ²	0/2/1	HDMI	DC 12~24V	0°C ~ 40°C	N/A

Packing List

Item	P/N	Quantity
OFT-15W04	OFT-15W04-3410-A1R	1
Extended Bracket	BCC-OFT-BKT15-03R	1
Panel Mount Kit	BCC-OFT-PMK15-03R	1
Wall Mount Kit	BCC-OFT-WMK15-03R	1
Camera module for testing	BCC-OFT-CAM-02R	1
DIO/USB/RS232/RS485 cable kit for testing	BCC-OFT-CABLE-04R	1

I/O Overview



Optional Items

Item	P/N
power cord, AC/DC adapter 12V/5A 90 Screw Type	ACC-ADP-060N-08R