

## Features

- Intel® Celeron™ Processor J3455 Quad Core Processor Onboard
- 4GB RAM Onboard
- 32GB eMMC Onboard
- Projective Capacitive Touch
- 10/100/1000 Ethernet
- M.2 B-Key 3042 connector socket
- 802.11 a/b/g/n/ac Wireless LAN
- Supports Windows 10
- DC 12~24V Input



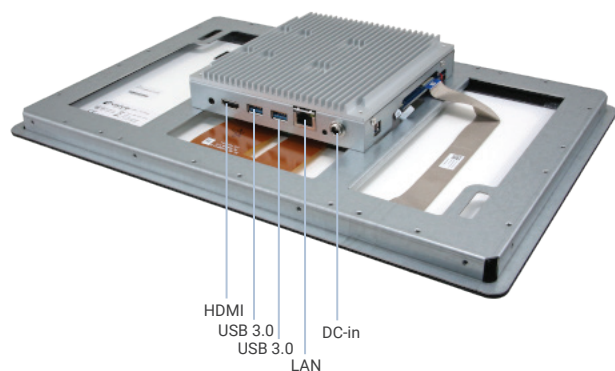
## Specifications

System	
CPU	Intel® Celeron J3455 Quad Core CPU 1.50 GHz Onboard
System Memory	DDR3L SODIMM 1866 4GB RAM
Storage	32GB eMMC Onboard
WLAN	802.11 a/b/g/n/ac
Multi-Display	eDP + HDMI
OS Support	2019 Windows 10 (64 bit)

Panel	
LCD Size	15.6"
LCD Panel	TFT LCD
Display Type	Full HD
Resolution	1920x1080
Pixel Pitch	179.25 (H) X 179.25 (V) (um)
Luminance	220 cd/m <sup>2</sup>
Contrast Ratio	800
Viewing Angle	85 (U), 85 (D), 85 (L), 85 (R)
Response Time	30ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	85%

External I/O	
Power	1 x Power Jack
HDMI	1 x HDMI
USB	2 x USB 3.0 Type A
LAN	1 x RJ45
Audio	1 x Headphone Jack
Other	1 x Power Button

Internal I/O	
USB	1 x Micro USB 1 x USB Interface 1 x USB Touch Interface
Display	1 x eDP
Expansion	1 x M.2 B-Key (3042) 1 x M.2 E-Key(2230) 1 x Micro SD Card Slot
SIM Socket	1 x Micro SIM Card Socket for LTE Module
Touch Button	1 x Touch Button Control (Power/Volume/Brightness)
Audio	1 x AMIC Interface 1 x DMIC Interface 1 x Speaker Interface
I2C	1 x JSEN1 Interface (I2C x2) 1 x JTP1 Interface (I2C)
COM Port	1 x RS232 (Tx/Rx/Rts/Cts) Interface 1 x RS232 (Tx/Rx/Rts/Cts), RS485(Tx/Rx/Rts/Cts)
GPIO	1 x 16-bit GPIO 16-bit
Power	1 x Power Interface (12~24V) 1 x RTC Battery Interface
Other	1 x Debug Port (Tx/Rx)



### Mechanical & Environmental

Power Requirement	DC 12 ~ 24V Input
Power Type	DC Jack, DC Input 4-pin Header
Operating Temp	0°C ~ 40°C
Storage Temp	-20°C ~ 60°C
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Certification Information	CE, FCC Class A
Dimension	15.12" x 10" x 1.87" (384 x 254 x 47.5 mm)
Product Weight	4.85 lbs (2.2kg)

### Ordering Info

<b>OFT-15W04-3410-A1R</b>	15.6" open frame tablet, Intel Atom J3455, 4GB RAM, 32GB eMMC, PCAP, MicroSD, 1 x Gb LAN, 2 x USB, 1 x HDMI, DC12~24V, Ubuntu 20.04
<b>OFT-15W04-3411-A1R</b>	15.6" open frame tablet, Intel Atom J3455, 4GB RAM, 32GB eMMC, PCAP, MicroSD, 1 x Gb LAN, 2 x USB, 1 x HDMI, DC12~24V, 2019 Windows 10 IoT LTSC

\* All product specifications and images are subject to change without notice. Last update: 07/05/2022



**BCM Advanced Research**

11 Chrysler, Irvine, CA 92618 USA  
An Industry Leader in Industrial Motherboards  
& Embedded Computing

**www.bcmcom.com**

BCMSales@bcmcom.com  
(949) 470-1888