OFT Series

/ Kiosk
/ Point of Information
/ Self Checkout Service
/ Vending Machine

Open Frame Tablet

High Performance Bezel-Free Tablet
For Easy Installation

Available in 7"/10"/15"/21"

| intel | Low Power Consumption | Easy Cleaning | Slim Design | Fanless | Multi-OS Support | Cost Effective | High Performance |

bcm
ADVANCED RESEARCH

OFT Series

7"/10"/15"/21" Open Frame Tablet

Conference Display

Fitness

Internal I/O

GPIO · USB · RS485 · RS282 · Touch Button · Speaker · A-Mic

External I/O

1 x DC-in
1 x LAN Port
1 x USB
1 x USB
1 x HDMI
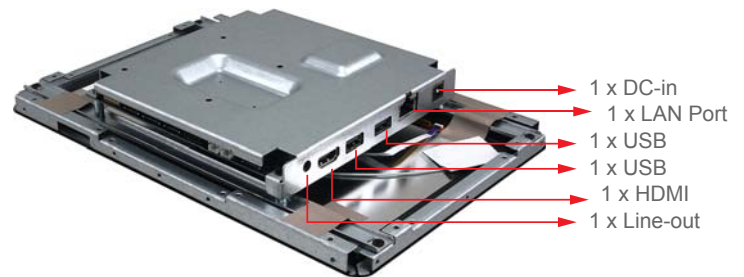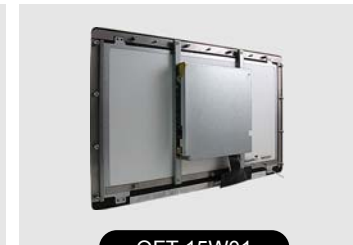1 x Line-out

OFT-07W01 | OFT-10W01 | OFT-15W01 | OFT-21W01

Multi-OS Support

- Windows 10
- Android
- Linux

Easy Installation

- Intel® AtomT" Z3735F with low TOP-> Simple Thermal Solution
- Slim Design-> Easily Fit into Different Consoles
- Bezel-free-> Design Flexibility

Scalable Internal I/O

- RS232 or RS485
- GPIO
- Micro SD Card Slot
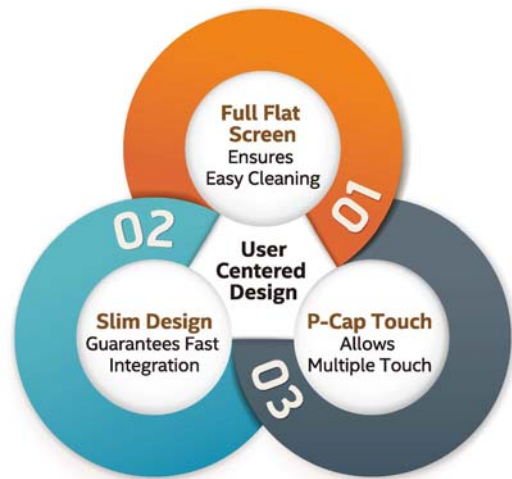
Home Automation

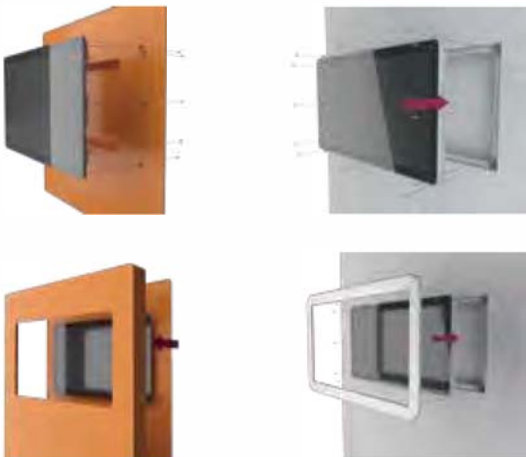Gaming

High Performance with Low Cost

	Cost	Performance
Intel® Atom™ Z3735F	💲	👍 👍
Intel" Atom (E3845, J1900)	💲💲💲	👍 👍
NXP i.MX6	💲💲	👍

User Centered Design

Full Flat Screen
Ensures Easy Cleaning

01

User Centered Design

02

Slim Design
Guarantees Fast Integration

P-Cap Touch
Allows Multiple Touch

03

Flush/Wall Mount Design

Flush Mounting Concept   Wall Mounting Concept

Fanless /Slim /Fully Flat

- Slim type design for any attractive decoration
- Fully flat touch screen can be cleaned and operated easily
- Efficient integration into any embedded applications
- Projected capacitive touchscreen, with multi touch

Specification

Model Name	OFT-07W01	OFT-10W01	OFT-15W01	OFT-21W01
Panel				
LCD Size	7"	10.1"	15.6"	21.5"
Resolution	1280x800	1280x800	1920x1080	1920x1080
Luminance	300	350	220	250
Viewing angle	160° (H/V)	170° (H/V)	45°(H+)/45°(H-)/20°(V+)/45°(V-)	178°(H/V)
Touch Type	PCAP	PCAP	PCAP	PCAP
System				
Processor	Intel® Atom™ Z3735F 1.33GHz Processor			
System Memory	2GB DDR3L RAM			
Other	Wi-Fi (802.11b/g/n) & Bluetooth 4.0			
Storage				
Storage	Onboard 32GB eMMC			
I/O				
External I/O Connector	2 x USB 2.0, 1 x micro USB Client (Android only), 1 x 10/100 Ethernet, 1 x HDMI, 1 x Head phone jack, 1 x Micro SD slot, 1 x DC jack, 1 x RS232 (TX/RX) or RS485			
Internal I/O Connector	1 x 16 bit GPIO interface, 1 x USB interface, 1 x eDP & Dual channel 24-bit LVDS, 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 I2C interface(optional)			
Mechanical & Environmental				
Power Requirement	12V - 24V DC input			
Power Type	DC Jack, DC input 4pin header. Optional Power Over Ethernet 802.3AT (10" only)			
Operating Temp	0°C ~ 40°C			
Storage Temp	-10°C ~ 60°C			
Dimension	7.21" x 4.56" x 0.96" (183.1 x 115.85 x 24.3 mm)	9.92" x 6.53" x 1.32" (252 x 165.87 x 33.45 mm)	15.24" x 9.25" x 1.5" (387 x 235 x 38 mm)	19.67" x 11.47" x 1.85" (499.48 x 291.19 x 46.86 mm)
Software Support				
Software Support	Android, Linux, Windows 10			

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