



OFT Series

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

Avalue Open Frame Tablet

High Performance Bezel-Free Tablet
For Easy Installation



Intel



Low Power
Consumption



Easy
Cleaning



Slim
Design



Fanless



Multi-OS
Support



Cost
Effective



High
Performance

avalue
Technology Inc.

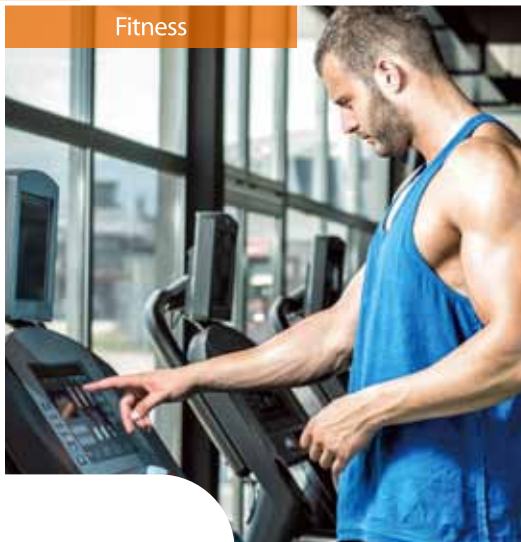
OFT Series

Avalue Open Frame Tablet

Conference Display



Fitness



Home Automation

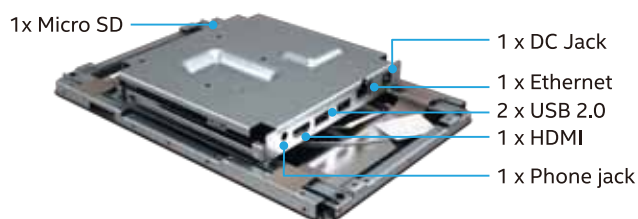


OFT-XX01 Series

Internal IO

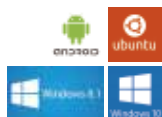


External IO



Multi-OS Support

- Windows 8.1, Windows 10
- Android 4.4, Android 5.1
- Ubuntu 14.04



Easy Installation

- Fanless Design for Embedded Applications
- Slim and Frameless with Industrial Grade Ruggedness
- Rich Internal and External I/O Port for Scalability

More Scalability with Internal I/O

- RS 232 or RS 485
- GPIO
- Micro SD Card Slot

User Centered Design



Fully Flat and Slim System

- Slim design to easily adopt into any console
- Fully flat touch screen can be cleaned effortlessly
- Efficient integration into various embedded applications
- Projected capacitive touch with up to 10 points multi-touch



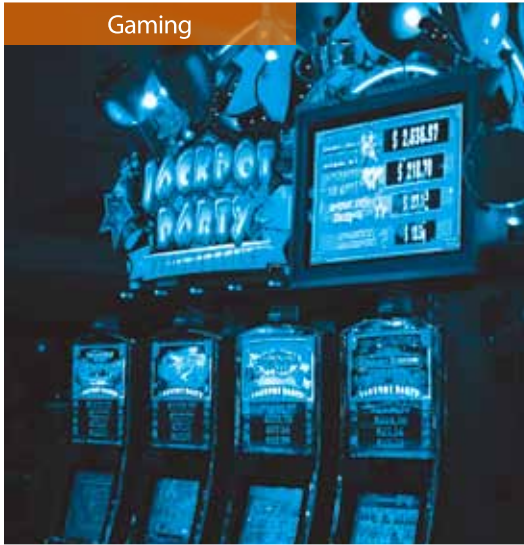
Easy Mounting Solutions



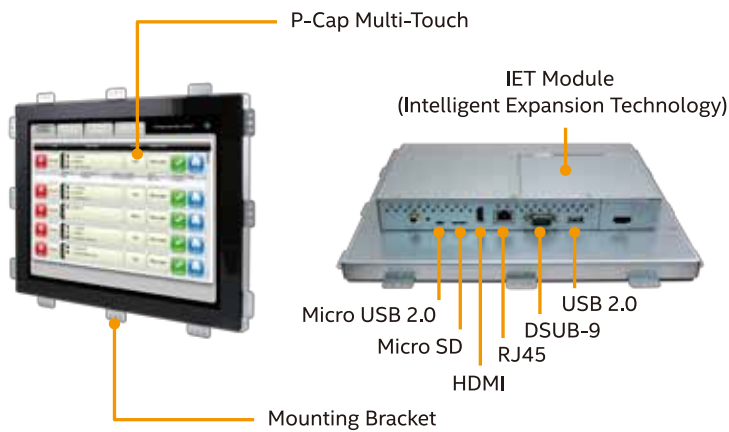
Flush Mounting

Wall Mounting

Gaming



OFT-XX02 Series

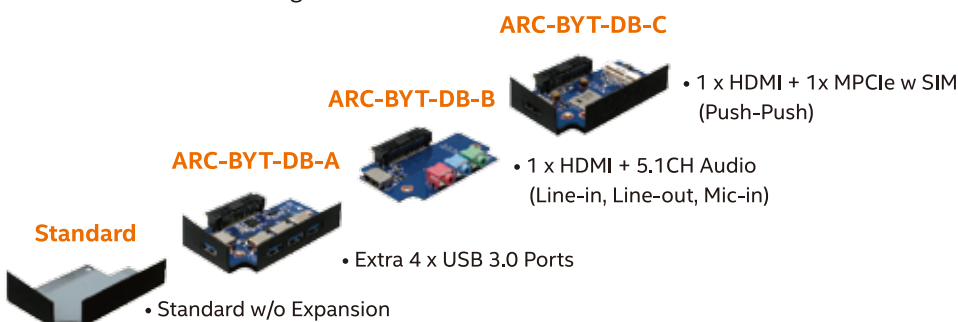


Powerful Connectivity Enabling IoT Applications

Designed with 802.11 b/g/n Wi-Fi and 10/100/1000 Ethernet, allowing stable and rapid Internet connection for data transactions. Also supports Bluetooth 4.0 technology for shorter distance communications, provides users diverse options in different applications.

Selectable IO Modules Providing Expandability

The plug-and-play Intelligent Expansion Technology (IET) gives one single model multiple possibilities, remarkably decreases the cost of solution change.



Specification



OFT Series							
Model Number	OFT-07W01	OFT-10W01	OFT-15W01	OFT-21W01	OFT-10W02	OFT-1202	OFT-1502
LCD Size	7"	10.1"	15.6"	21.5"	10.1"	12.1"	15.1"
Resolution	1280 x 800	1280 x 800	1920 x 1080	1920 x 1080	1280 x 800	1024 x 768	1024 x 768
Luminance	300	350	220	250	350	600	250
Viewing Angle	160° (H/V)	170° (H/V)	178° (H/V)	178° (H/V)	170° (H/V)	Horizontal +/- 80° Vertical +/- 70°	Horizontal +/- 80° Vertical +/- 70°
Touch Type	PCAP	PCAP	PCAP	PCAP	PCAP	PCAP	PCAP
Processor	Intel® Atom™ Processor Z3735F 1.33GHz Quad Core CPU				Intel® Atom™ x5-Z8350 1.44 GHz Quad Core CPU		
System Memory	2GB DDR3L RAM				2G DDR3L RAM		
Other	802.11 b/g/n WiFi				802.11 b/g/n WiFi		
Storage	8GB or 32GB eMMC				8G or 32G eMMC		
External I/O Connector	2 x USB 2.0 1 x micro USB Client (Android only) 1 x 10/100 Ethernet (OFT-10W02: 1 x 10/100/1000 Ethernet) 1 x HDMI 1 x Head phone jack 1 x Micro SD slot 1 x DC jack					1 x DSUB-9 x1 1 x USB 2.0 Type A 1 x Micro USB2.0 client (reserved) 1 x 10/100/1000 Ethernet 1 x HDMI Avalue IET module: ARC-BYT DB-A (4 x USB3.0 module) or ARC-BYT DB-B (3 x Audio Jack+HDMI) or ARC-BYT DB-C (HDMI+Mini PCIe+3G SIM)	
Internal I/O Connector	1 x RS232(TX/RX) or RS485 1 x 16 bit GPIO interface 2 x USB interface 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)	1 x RS232(TX/RX) or RS485 1 x 16 bit GPIO interface 1 x USB interface 1 x eDP & Dual channel 24bit 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)			1 x RS232 or RS485 1 x RS232 1 x Touch Button interface 1 x eDP & Dual channel 24bit LVDS 1 x backlight control & power 1 x I²C interface for PCAP		
Power Requirement	DC 12 ~ 24V				19V DC input, Optional 12V or 24V	DC 12~24V	
Power Type	DC Jack, DC input 4pin header	DC Jack, DC input 4pin header, optional Power Over Ethernet 802.3AT	DC Jack, DC input 4pin header	DC Jack, DC input 4pin header	DC Jack, DC input 4pin header, optional Power Over Ethernet 802.3AT	DC Jack	DC Jack
Operating Temp	0°C ~ 40°C				0°C ~ 40°C		
Storage Temp	-20°C ~ 60°C				-20°C ~ 60°C		
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing				0% ~ 90% Relative Humidity, Non-condensing		
Software Support	Windows 8.1/ Windows 10/ Android 4.4/ Android 5.1/ Ubuntu 14.04				Windows 10		
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	252 x 166 x 38 mm	315 x 247 x 54 mm	371 x 295 x 55 mm



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