



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.

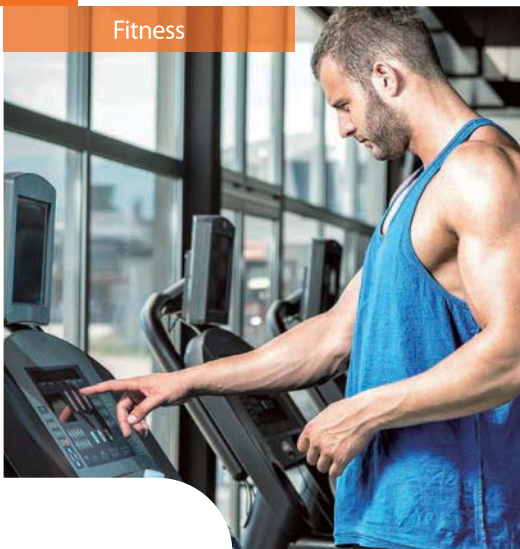
OFT Series

Avalue Open Frame Tablet

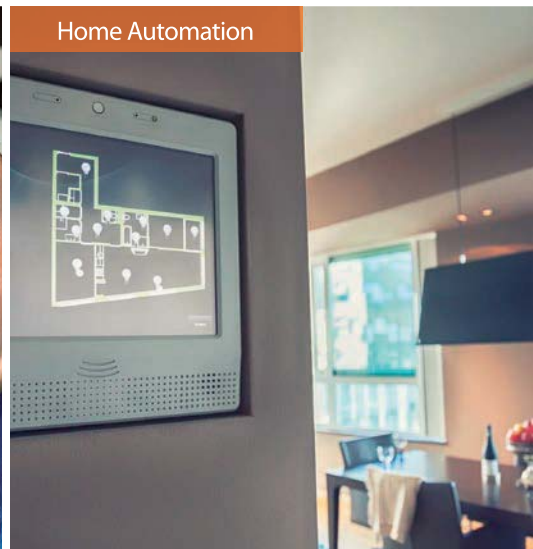
Conference Display



Fitness



Home Automation

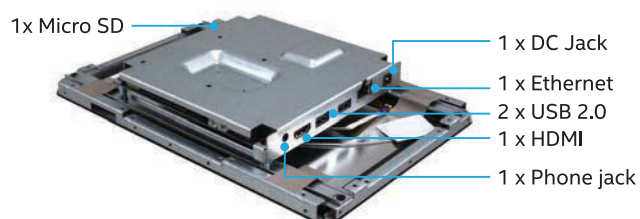


OFT-XX01 Series

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

- Mounting Kit, Wall Mount / Panel mount for whole series
- Easy to install and suitable for all kinds of decoration

Wall Mount



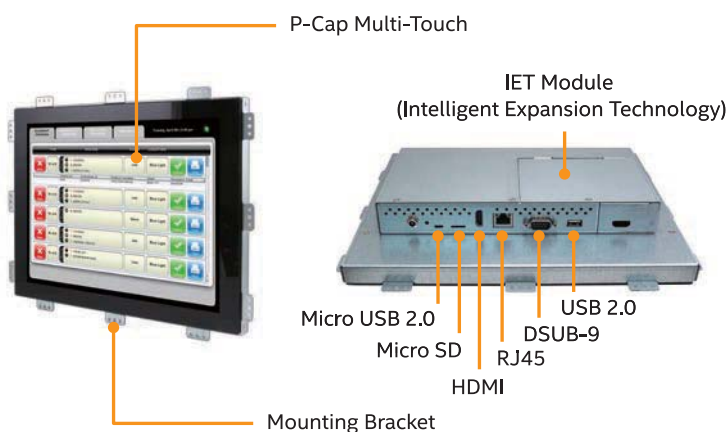
Panel Mount



Gaming



OFT-XX02 Series

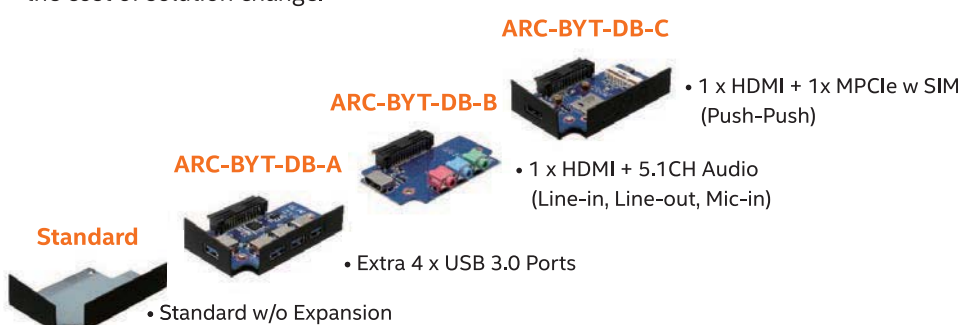


Powerful Connectivity Enabling IoT Applications

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	1280x800	1280 x 800	1920x1080	1920x1080	1280 x 800	1024 x 768	1024 x 768
Luminance	300 nits	350 nits	220 nits	250 nits	350 nits	600 nits	250 nits
Viewing Angle	160°(H/V)	170° (H/V)	178° (H/V)	178° (H/V)	170° (H/V)	160°(H), 140°(V)	160°(H), 140°(V)
Touch Type	PCAP	PCAP	PCAP	PCAP	PCAP	PCAP	PCAP
Processor	Intel® Atom™ Z3735	Intel® Atom™ Z3735	Intel® Atom™ Z3735	Intel® Atom™ Z3735	Intel® Atom™ Z8300/Z8350	Intel® Atom™ Z8350	Intel® Atom™ Z8350
System Memory	2GB DDR3L RAM	2GB DDR3L RAM	2GB DDR3L RAM	2GB DDR3L RAM	2GB DDR3L RAM	2GB DDR3L RAM	2GB DDR3L RAM
Storage	32GB or 8GB eMMC	32GB or 8GB eMMC	32GB or 8GB eMMC	32GB or 8GB eMMC	32GB or 8GB eMMC	32GB eMMC	32GB eMMC
Wireless LAN	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
External I/O Connector	1 x 10/100 Ethernet 2 x USB 2.0 1 x Micro USB Client (Android only) 1 x RS-232(Tx/Rx) or RS-485 1 x HDMI 1 x Head Phone Jack 1 x Micro SD socket				1 x Gigabit Ethernet 1 x USB 2.0 type A 1 x Micro USB Client (reserved) 1 x RS-232 1 x HDMI 1 x Micro SD socket		
Internal I/O Connector	1 x USB interface 1 x 16bit GPIO interface 2 x Speaker connectors 1 x A-Mic interface 1 x Power button interface 1 x Backlight/ volume control interface 1 x I²C interface (optional)				1 x USB interface 1 x RS-232 or RS-485 1 x mini PCIe socket 1 x SIM card slot 1 x Audio interface 2 x Speaker connectors 1 x Power button interface 1 x Backlight/ volume control interface 1 x I²C interface 1 x Avalue IET interface for extension		
Power Requirement	DC 12V~ 24V				DC 12~24V		
Power Type	1 x DC-in Jack 1 x DC-in header	1 x DC-in Jack 1 x DC-in header Optional PoE 802.3AT	1 x DC-in Jack 1 x DC-in header	1 x DC-in Jack 1 x DC-in header	1 x DC-in Jack 1 x DC-in header Optional PoE 802.3AT	1 x DC-in Jack	1 x DC-in 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 10/Windows 8.1/Ubuntu 16.04/ Android 4.4/Android 5.1				Windows 10		
Dimension	183 x 116 x 25 mm	252 x 166 x 38 mm	387 x 235 x 34 mm	500 x 292 x 48 mm	252 x 166 x 38 mm	315 x 247 x 54mm	371 x 295 x 55mm



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