



Smart Fitness Solution



**Enhancing the fitness environment for you
to work out smartly**



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In recent years, obesity has become a world wide problem. More and more people are aware of the importance of exercise. Many people inspire themselves to join the fitness club or related groups. In the U.S., there are over sixteen millions people attending health clubs on more than 100 days a year; the growth of fitness industry is continually increasing. With the growth of workout population, people are not satisfied with the traditional workout experience. People are looking for something fun and something that can help them to get connected to outside world while they are exercising.

The fitness console developed by IEI can fulfill needs for those people who are not satisfied with the traditional workout experience. With the entertainment system provided by IEI Fitness console, people can watch TV, use social media such as Twitter or Facebook to connect with their friends, and use the virtual running programs to enjoy the scenery and the landscape of other countries while they are running or cycling.

IEI's smart fitness solution can not only fulfill the need for the end user but also for the club owner. IEI's smart fitness solution provide club surveillances, access control and front desk membership management services. With this smart fitness solution, club owners can easily manage their daily operations for the fitness clubs.

Fitness Console FIT1 Series

- Capacitive Touch Screen
- Freescale iMX6 Processor-Quad Core-A9
- Android 5.0
- Customized Fitness User Interface





Access Control for Gyms, Fitness Clubs

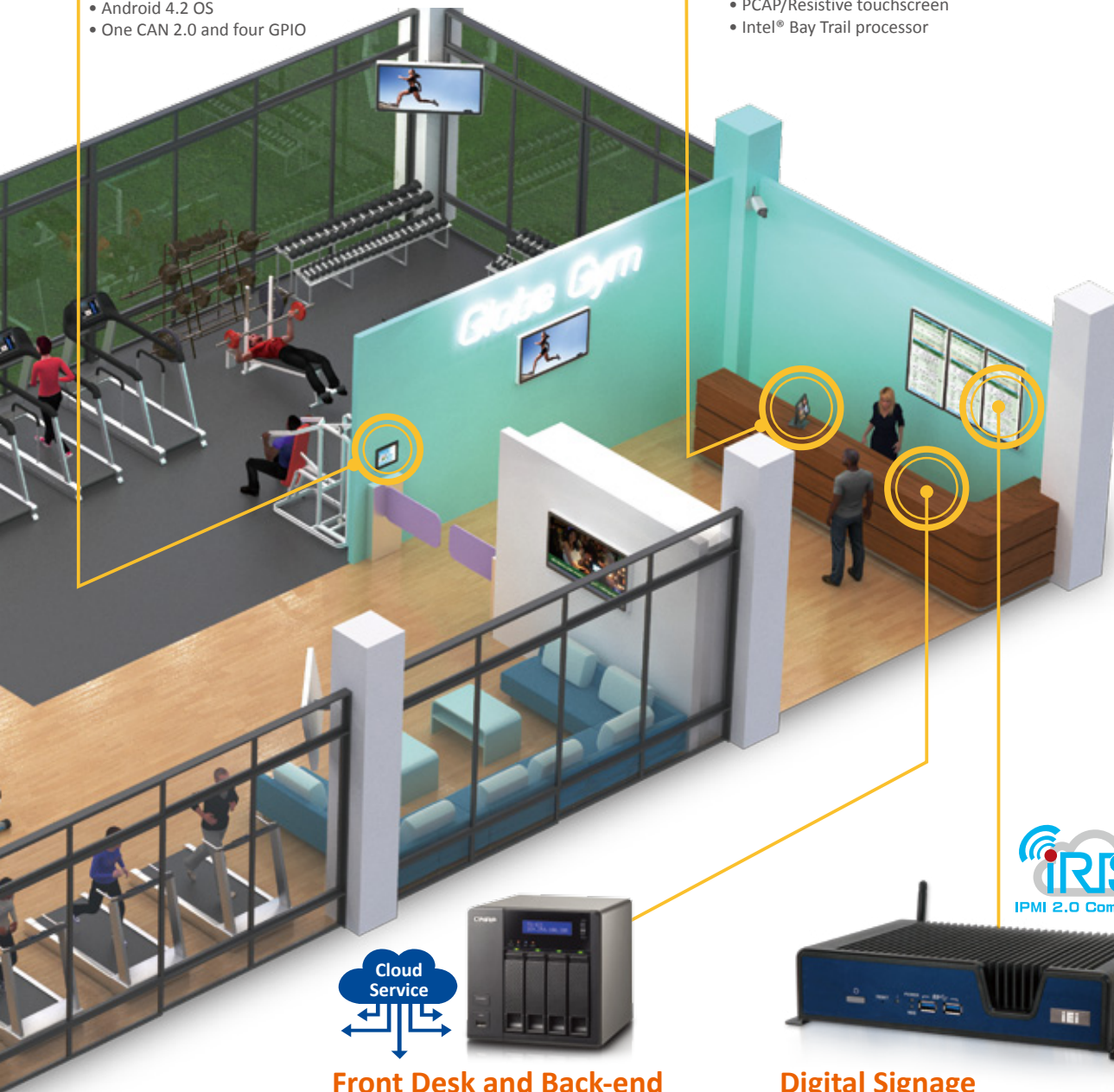
- IOVU Series

- Freescale™ i.MX6 Cortex™-A9 (quad core, 1.0 GHz)
- Projected capacitive touchscreen
- Wi-Fi and Bluetooth v4.0
- Android 4.2 OS
- One CAN 2.0 and four GPIO

Security Surveillance and Membership Management for Gyms and Fitness Clubs

Light Industrial Panel PC - AFL3 PPC Series

- Plastic housing with IP65 front protection
- PCAP/Resistive touchscreen
- Intel® Bay Trail processor



Front Desk and Back-end Gym Management

- Web base technology
- Membership management
- Club surveillance storage
- Club entertainment system



Digital Signage

- High definition AMD R-Series APU
- Quad HDMI supports multiple independent display
- Fanless design
- Supports IPMI 2.0 via iRIS-2400 module



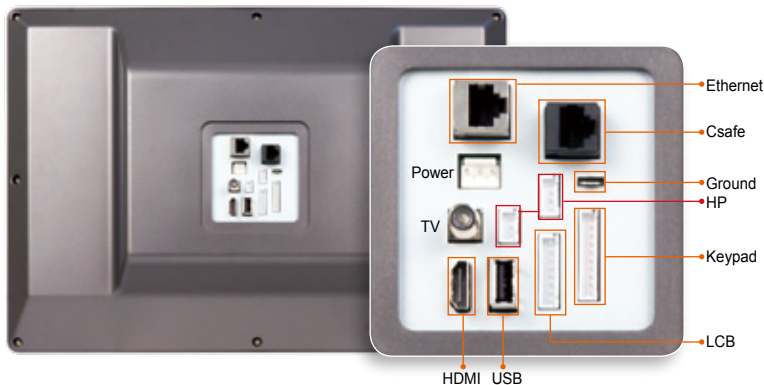
Risc-Based Fitness Console Ready for ODM / OEM



Current ID for Reference Only

Features

- Support Android 5.0
- Flexible ID Design. (Open Frame or customized ID Design)
- IEI Customer Reference Board (10.1" / 15.6" / 18.5" share the same main board)
- Freescale Quad Core – A9 1GHz processor
- 10.1" / 15.6" / 18.5" Color TFT LCD
- Waterproof: IPX5 (For customized ID)
- Support BLE / ANT+ / NFC
- Support ATSC / DVBT TV Dongle



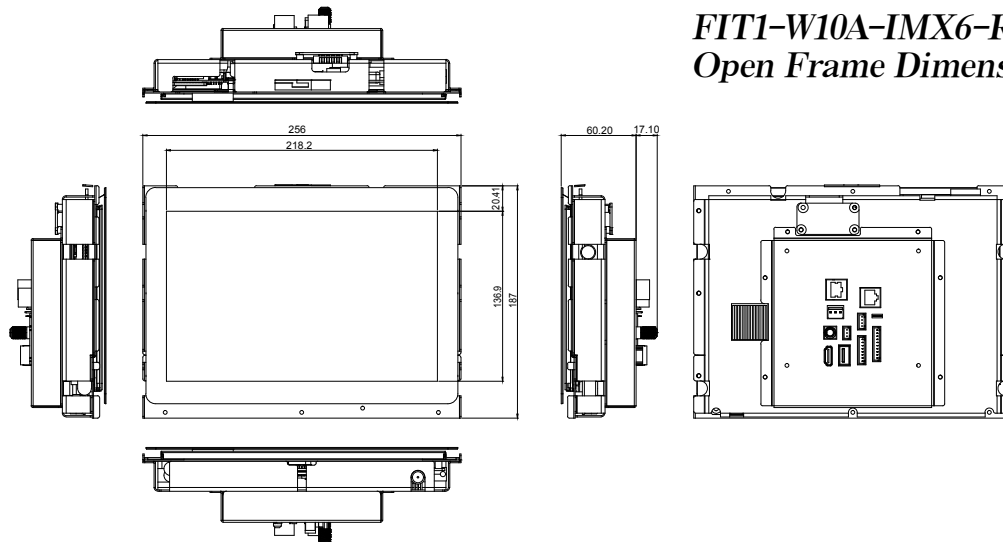
Flexible ID Design

Open Frame or customized ID Design

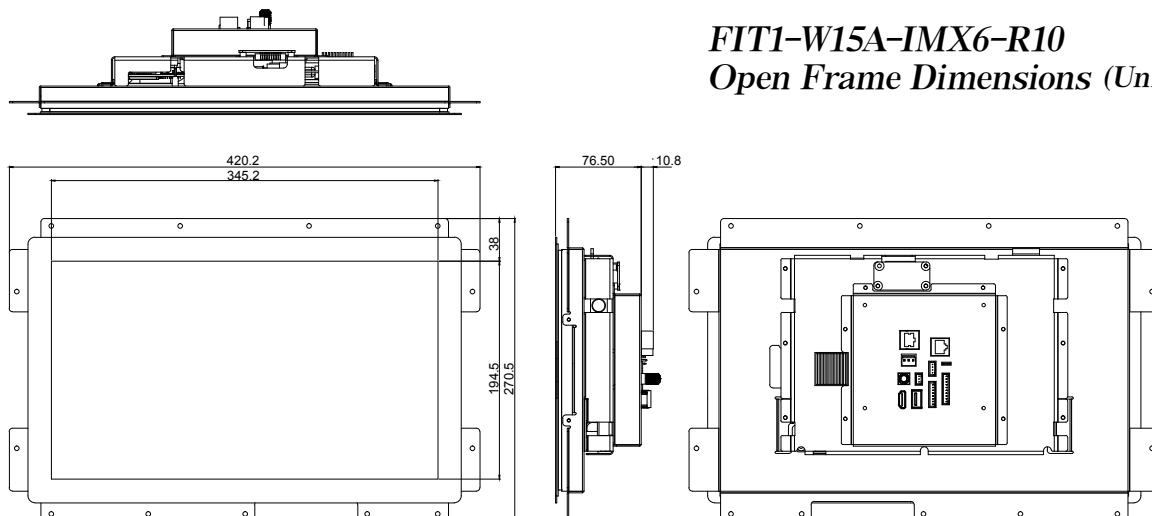


Model	FIT1-W10A-IMX6-R10	FIT1-W15A-IMX6-R10	FIT1-W18A-IMX6-R10
Size	10"	15.6"	18.5"
Resolution	1280 (W) x 800 (H)	1366 (W) x 768 (H)	1366 (W) x 768 (H)
Touch Screen	Projected Capacitive Flat Touch	Projected Capacitive Flat Touch	Projected Capacitive Flat Touch
CPU / Chipset	Freescale Imx6 Cortex-A9 (Quad Core 1GHz)		
I/O Port and Switches	1 x USB 1 x Csafe 1 x HDMI In	1 x Lan Port 1 x LCB Connector 1 x Heart Rate Module	1 x Keypad
Operating Temperature (ambient with air flow)	0°C ~ 40°C		
Storage Temperature	-10°C ~ 50°C		
Power Requirement	12 V DC Power Input		

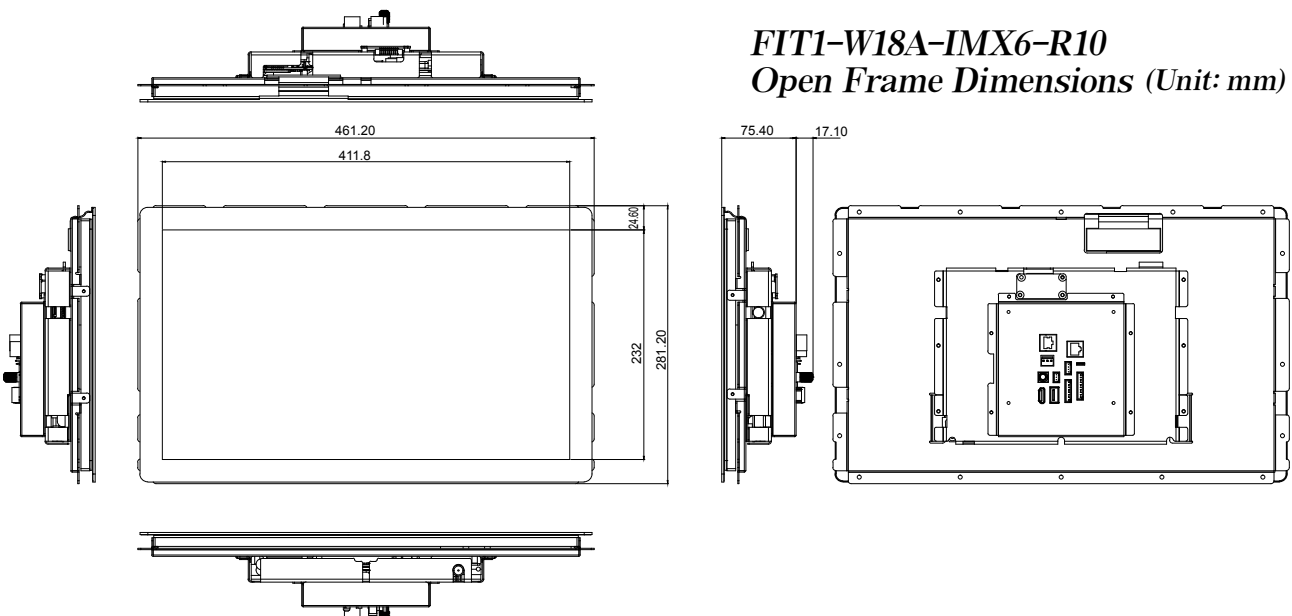
FIT1-W10A-IMX6-R10
Open Frame Dimensions (Unit: mm)



FIT1-W15A-IMX6-R10
Open Frame Dimensions (Unit: mm)



FIT1-W18A-IMX6-R10
Open Frame Dimensions (Unit: mm)





• Light Industrial Panel PC



Model	AFL3-W07A-BT-R10	AFL3-W10A-BT-R10	AFL3-12A-BT-R10
Size	7"	10.1"	12.1"
Resolution	1024 x 600 (16:9)	1280 x 800 (16:9)	1024 x 768 (4:3)
Touchscreen	Projected capacitive type	Projected capacitive type	5-wire resistive type/projected capacitive type with USB interface
CPU / Chipset	Intel® Celeron® N2807 (dual core, 1.58 GHz)	Intel® Celeron® J1900 on-board SoC (quad core, 2 GHz)	Intel® Celeron® J1900 on-board SoC (quad core, 2 GHz)
Input / Output	2 x RS-232 COM port (DB-9 connector) 2 x USB 3.0 2 x GbE LAN 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x 9V ~ 30V lockable power jack	1 x RS-232 COM port (DB-9 connector) 1 x RS-232/422/485 COM port (DB-9 connector) (R1/5V/12V) 2 x USB 3.0 2 x USB 2.0 2 x GbE LAN 1 x Audio port (line-out) 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x 9V ~ 30V DC lockable power jack	1 x RS-232 COM port (DB-9 connector) 1 x RS-232/422/485 COM port (DB-9 connector) (R1/5V/12V) 2 x USB 3.0 2 x USB 2.0 2 x GbE LAN 1 x Audio port (line-out) 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x 9V ~ 30V DC lockable power jack

• RISC-Based Panel PC



Model	IOVU-12F	IOVU-15F	IOVU-17F
LCD Size	12.1" (4:3)	15" (4:3)	17" (4:3)
Max. Resolution	1024 (W) x 768 (H)	1024 (W) x 768 (H)	1280 (W) x 1024 (H)
Touchscreen	Projected capacitive flat touch	Projected capacitive flat touch	Projected capacitive flat touch
CPU	Freescale™ i.MX6 Cortex™-A9 (quad core, 1 GHz)		
I/O Ports and Switches	1 x RS-232 full function (DB-9) 1 x RS-232/422/485 (DB-9), SW controllable 2 x USB 2.0 host 1 x GbE LAN 1 x CAN 2.0 4 x GPIO	1 x SD slot (up to 32 GB) (hidden) 1 x Power input terminal block (2-pin) 1 x Power on/off switch 1 x Reset button 1 x DC jack	

• QNAP NAS



Model	TVS-471
CPU	TVS-471-PT-4G: Dual-core Intel® G3250 3.2 GHz Processor TVS-471-i3-4G: Dual-core Intel® Core i3-4150 3.5 GHz Processor
DRAM	System memory: 4 GB DDR3 RAM Memory module pre-installed: 2 GB x2 Total memory slots: 2 Memory expandable up to: 16 GB (8GB x2)
Flash Memory	512MB DOM
Hard Drive	4 x 3.5-inch SATA 6Gb/s, SATA 3Gb/s hard drive or 2.5-inch SATA, SSD hard drive
Hard Drive Tray	4 x hot-swappable and lockable tray
LAN Port	4 x Gigabit RJ-45 Ethernet port (Expandable up to 8 x 1 Gb LAN or 4 x 10 Gb + 4 x 1 Gb LAN by installing optional dual-port 10 Gb and 1 Gb network card)