

# FIT-1001

## 10.1" Cardio Console Panel PC

Preliminary



### Features

- Professional Fitness Infotainment Terminal
- Freescale ARM® Cortex-A8 i.MX53 1Ghz high performance processor with low power consumption
- Full HD 1080p decode and HD 720p video encode hardware engine
- Supports Android v2.3.4 open source solution
- 16:9 Wide LED Backlight Panel Display and Projective Capacitive Multi Touch



### Introduction

FIT-1001 is a 10.1-inch, wide screen Fitness Infotainment Terminal with projected capacitive 5-point multi-touch capability. The flexible Android operating application provides a responsive user interface, and RISC-based SOC offers high performance with low power under a wide range of working temperatures. The handy tablet design adapts easily to a bigger 15.6" screen, and supports wireless connection and TV tuner application. Speakers or phone jack offer listening alternatives while exercising.

### Product Highlights

- P-CAP sensor technology, good transparency, high hardness
- P-CAP sensor Technology, transparency, hardness solution integrated
- Supports Android v2.3.4
- 802.11 b/g/n Wi-Fi, Bluetooth® wireless connectivity
- Full HD 1080p video decode and HD 720p video encode hardware engine
- Switchable screen with either 10.1" or 15.6" LED backlit display module
- Support for additional add-on modules by request
  1. iPhone/iPOD USB connectivity
  2. USB accessory module connectivity
  3. Add-on integrated TV tuner application
  4. 2nd display

### Specifications

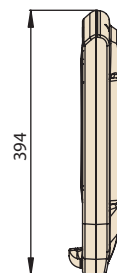
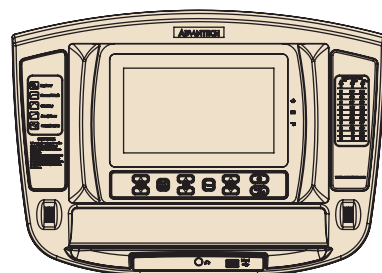
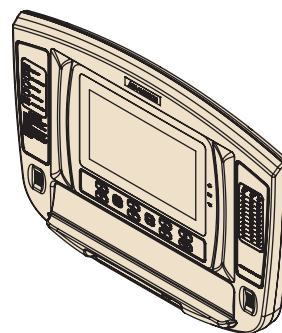
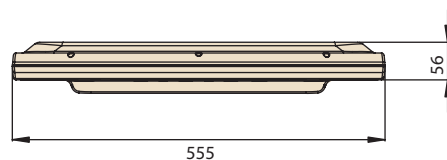
Physical Characteristics	Dimensions (W x H x D)	555 (W) x 394 (L) x 56 (D) (mm)
	Weight	Approx. 7.5 KG
	CPU	Freescale ARM® Cortex-A8 i.MX535 processor (1.0 GHz)
	Memory	On board 512 MB DDR3 and 2GB Flash
	RTC	Yes
	Watchdog	Yes
	Power management	Normal/ Idle / Suspend mode
	Operating System	Android version 2.3.4 Option: Linux 2.6 / WEC7
Cooling		Fanless
Storage	SD slot	2GB SD
Display	Touch Panel	Projected Capacitive multi 5points touch Screen
	Display Type	10.1" LED Backlight 16:9 LCD Panel
	Max. Resolution	WVGA (1024 x 600 pixels)
Communication	Wi-Fi	Wireless 802.11b/g/n connection
Audio		Earphone Jack x1; Speaker-out x 2

## Specifications Cont.

Connectivity	I/O Port Interfaces	Earphone Jack x 1 (Front) USB 2.0 port x 2 COM x 1 Lan RJ45 x 1 Power switch x 1 DC-in x 1 VGA x 1 iPOD/iPhone USB connectivity...optional
Control Buttons	Virtual Key (Android touch)	Home Button Menu Button Back Button
System Indicators		Power x1, SD x1
Power Supply	AC Adapter	ADAPTER 100-240V 90W 19V 4.74A
Other Options	Add-on modules	WiFi module/LAN connection Integrated TV on Console, TV tuner with AV in Bottom Motor Board connection & communication Mechanical Blower or Fan design Brightness Dimming Sensor iPhone docking iPOD charging Emergency stop Heart Rate Detect Module 2nd Display
Environment	Temperature	Operating: 0°C ~ +45° C, Storage: -20° C ~ +60° C
	Humidity	Operating: 10% ~ 95% @ 40° C non-condensing, Storage: 10% ~ 95% @ 40° C non-condensing
Standards	FCC Part 15 Class B, UL, CUL, CE, CB60950, RoHS; UL2054 (Can be adjusted according to customer requirements.)	

## Dimensions

Unit: mm [inch]



## Design & Manufacturing Services

### ▪ This product is for ODM only

ODM products are designed for customers with consistent order and specific design requirements. ODM products are subject to minimum annual order quantities and engineering charges. Evaluation units are available without such restrictions. Advantech has a dedicated project team to serve ODM customers.

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