

# HIT-R151

## New Revolutionary 15.6" Healthcare/Hospitality Infotainment Terminals



### Features

- Super Slim, Ergonomic design ideal for Healthcare & Hospitality AIO application
- Perfect balance of a fanless, slim construction for a 15.6" All-In-One terminal
- Full Flat, IP65 compliant, easy swiping with Resistive or Projective Capacitive touch technology
- VESA 75/100 standard mounting holes
- Programmable touch hotkeys on front panel
- Rich options - Handset/ RFID/ WiFi/ MSR/ Barcode Scanner/Smart Card Reader/TV Tuner
- ITE & Medical dual certifications (EN/UL-60950, EN/UL-60601-1)
- POE supported on Freescale RISC platform



### Introduction

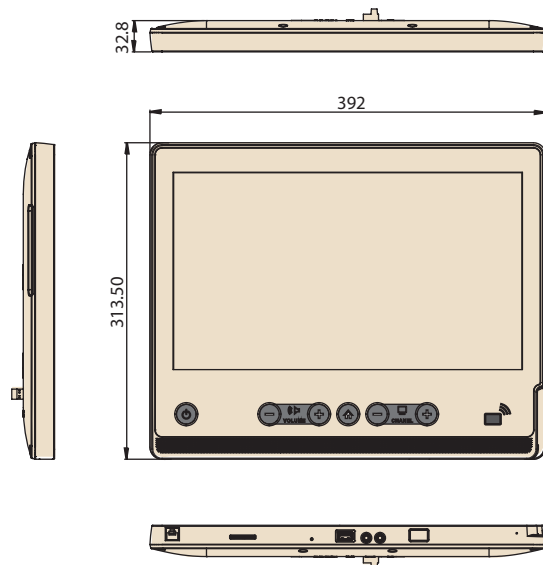
Our new revolutionary HIT-R151 is equipped with a 15.6" multi-function touchscreen, WiFi, RFID, handset, smart card reader and 5 megapixel camera. The unit can provide both Healthcare and Hospitality solutions with diverse entertainment programs such as TV, browsing, movies, or computer games under superior Freescale iMX6 or Intel Baytrail Quad-Core processor. The HIT-R151 can be used to communicate with your families by internet cam, WiFi and Ethernet network connectivity. It can also identify and recognize both hospital staff and patients through RFID and smart card reader.

### Specifications

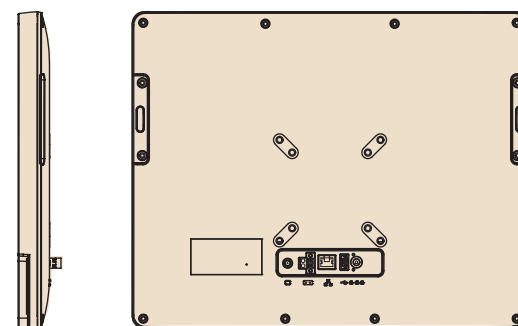
Hardware	CPU	Intel Celeron QC J1900 2.0GHz Processor	Freescale iMX6 QC 1.0 GHz Processor
	Memory	DDR3L 2GB/4GB (MAX)	DDR3 1GB/2GB (MAX)
	Primary Storage	500GB 2.5" SATA HDD	eMMC 8GB
	Camera	5M CMOS with LED Indicator & Button	5M CMOS with LED Indicator & Button
	Bus Expansion	Half Mini-PCIe x 1, Full Mini-PCIe x 1	NA
Display	Size	15.6" W TFT LED	
	Max Resolution	1366 x 768	
	Luminance	300 cd/m <sup>2</sup>	
	Contrast Ratio	500:1	
Touchscreen	Type	Resistive 5 wires (Flat Glass) / Projected Capacitive (Flat Glass)	
	Durability	30 million touches	
Front Button	Hotkey	PCap Touch (1 key): Display On/Off Resistive Touch (6 keys) : Display On/Off, Vol-, Vol+, Home, Ch-, Ch+	
I/O Ports	USB 3.0	1 (Rear)	NA
	USB 2.0	2 (Bottom)	2 (Rear x 1, Bottom x 1)
	SD Slot	NA	1 (Bottom)
	Smart Card Reader	1	1
	RFID	1	1
	Headphone out	1	1
	Microphone in	1	1
	Handset out	2	2
	Phoenix Port	1	1
	DC-in	1	1
	TV Tuner (SMA Jack)	1	1
Power Button	1	1	
Audio	Speaker	2 watt x 2 , Audio output control via GPIO	
	Internal Microphone	1	
Network	LAN	10/100/1000 RJ-45 x 1 (POE supported on Freescale platform)	
	Bluetooth	BT4.0 (Optional)	
	WLAN	802.11 b/g/n (Optional)	
Software	OS	Embedded Linux 3.0, Android 4.x Embedded 7 Standard, 7 Pro, 8 Standard, 8 Pro	Embedded Linux 3.0, Android 4.x
	Mounting	VESA 75 x 75 & 100 x 100 mm	
Mechanical	Dimensions ( W x H x D)	392 x 313.5 x 32.8 mm	
	Weight	Net Weight: 3.2kg (7.05lb) without adapter Gross Weight: 4.7kg (10.36lb)	
	TV Tuner	Optional (Built-in Module)	NA
Option	MSR	Optional (Add-On Module)	NA
	Finger Scanner	Optional (Add-On Module)	NA
	Handset	Optional (Add-On Module)	Optional
	Barcode Scanner	Optional (Bottom)	Optional (Bottom)
	POE	NA	Optional

## Dimensions

Unit: mm



### Front Touch Button Layout (PCAP) 1 Key Type :



### Front Touch Button Layout of 5-key type for Resistive touch :



## Specifications (Cont.)

Power Supply	AC/DC Adapter	
	Input Voltage	100 ~ 240 V <sub>AC</sub> , 1.1 ~ 0.45 A @ 47~ 63 Hz
	Output Voltage	IT or Medical 12~19 V <sub>DC</sub> , 3.5A
Environment	Operating Temperature	0 ~ 40° C
	IP Rating	IP65 Front Panel
	Vibration	1 G
	Shock	10 G peak acceleration (11 msec, duration)
	EMC & Safety Cert.	CE, FCC, CCC, BSMI, CB, UL ITE & Medical, EN 60950 & 60601-1 approved

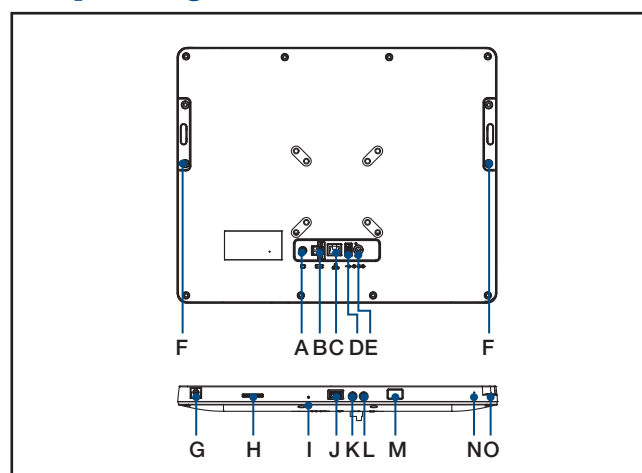
## Ordering Information

Part No.	Description
HIT-R151BR-AMW1E	15.6" Wide Screen, Intel J1900, Resistive Touch, 4G RAM, 500G HDD, Smart Card Reader, Camera, WiFi, BT, RFID, Medical Adapter, Win8 Embedded Standard
HIT-R151BP-AMW1E	15.6" Wide Screen, Intel J1900, Pcap Touch, 4G RAM, 500G HDD, Smart Card Reader, Camera, WiFi, BT, RFID, Medical Adapter, Win8 Embedded Standard
HIT-R151FR-AMW1E	15.6" Wide Screen, Freescale iMX6, Resistive Touch, 1G RAM, 8G eMMC, Smart Card Reader, Camera, RFID, Medical Adapter
HIT-R151FP-AMW1E	15.6" Wide Screen, Freescale iMX6, PCap Touch, 1G RAM, 8G eMMC, Smart Card Reader, Camera, RFID, Medical Adapter
HIT-R151FR-APW1E	15.6" Wide Screen, Freescale iMX6, Resistive Touch, 1G RAM, 8G eMMC, Smart Card Reader, Camera, RFID, POE
HIT-R151FP-APW1E	15.6" Wide Screen, Freescale iMX6, Pcap Touch, 1G RAM, 8G eMMC, Smart Card Reader, Camera, RFID, POE

## Accessories

Part Number	Description
HIT-R151-HSK0E	HIT-R151 Handset Kit
HIT-R151-MSR0E	HIT-R151 Magnetic Card Reader
PIT-ARM-WMOE	Swing Arm (Wall Mount Type, Maximum Loading: 6kg)
PIT-ARM-CMOE	Swing Arm (Ceiling Mount Type, Maximum Loading: 6kg)

## Fully- Integrated I/O



- A. TV Tuner (Optional)
- B. 2-Pin GPIO
- C. RJ-45 LAN port
- D. USB 2.0
- E. DC Inlet
- F. Handset Dock
- G. RJ-12 Handset Connector
- H. SD slot (iMX6 only)
- I. Power Button
- J. USB 2.0 x 1 (iMX6), USB 2.0 x 2 (Baytrail)
- K. MIC in
- L. Line out
- M. Barcode Scanner (optional)
- N. Microphone
- O. Smart Card Reader