

HIT-507

7" Healthcare Information Terminal



Features

- 7" display with 10-point P-CAP touch control
- Two assembly configurations: 75x75mm VESA mounting or open frame installation
- Intel® Apollo Lake CPU
- Supports M.2 2230 WiFi, BT modules, and M.2 2242 SSDs
- Integrated handset with noise cancellation and dedicated audio codec
- Wide range of peripheral options (5M camera, HID RFID, NFC, Smart Card Reader, and PoE module)
- Supports triple operating systems: Windows 10 IoT (64 bit), Android 8.1, and Linux
- ITE certification (Medical by project)

Introduction

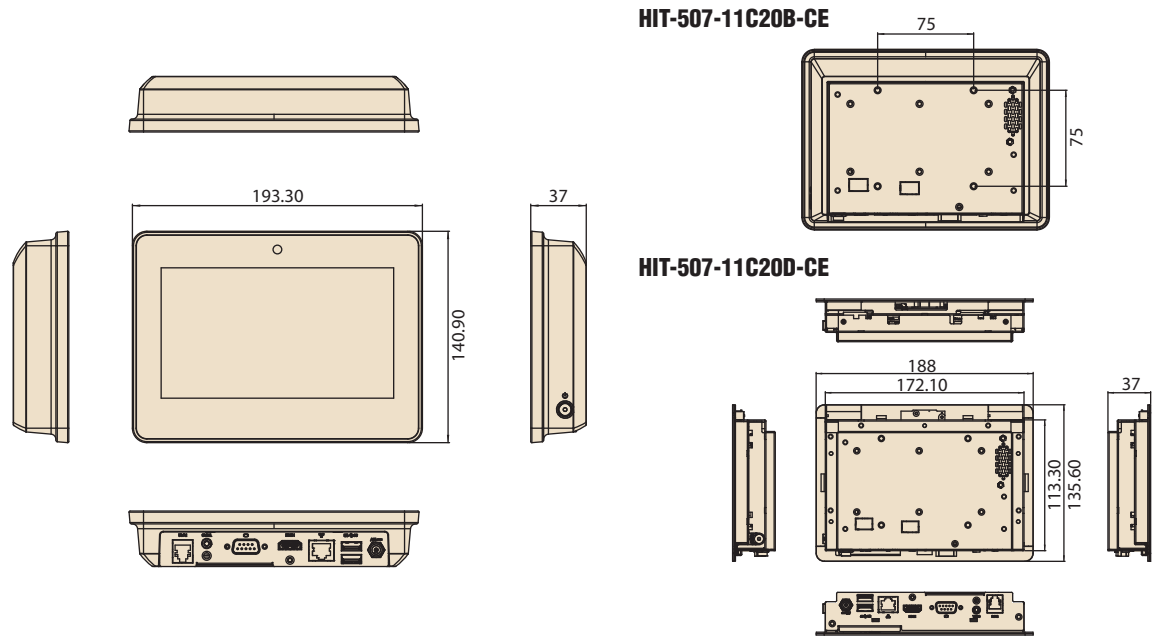
HIT-507 – a 7" medical-grade healthcare information terminal that supports PCAP 10-point touch control, is ideal for human machine interface (HMI). To optimize the utilization of control panels for sophisticated medical equipment, the HIT-507 offers rich I/O ports and peripheral options to satisfy diverse needs. This eliminates the need to install extra modules during manufacturing. With capability to support triple operating systems, Windows 10 IoT (64 bit), Android 8.1, and Linux, the HIT-507 can be easily integrated into existing information systems.

Specifications

Hardware	CPU	Intel® Apollo Lake J3455/ N3350 (2M Cache, up to 2.3 GHz)
	Memory	DDR3L x 1, up to 8GB (Default 4GB)
	Primary Storage	M.2 2242 SSD (Default 64GB)
	Camera	5MP CMOS
Display	Size	7" W TFT LED
	Max Resolution	1024 x 600
	Luminance	400 cd/m ²
	Contrast Ratio	800:1
Touchscreen	Type	Projected Capacitive
I/O Ports	USB 3.0	2
	HDMI	1
	DC-in lockable	1
	Audio Jack (TRRS)	1
	Handset Out (RJ12)	1
	Com-port	1
Audio	Speaker	2 Watt x 1
	Internal Microphone	1 (via TRRS)
Network	LAN (Isolated)	RJ45 (10/100/1000 Mbit) x 1
	Bluetooth	BT 4.1 (Optional)
	WLAN	802.11 a/b/g/n/ac (Optional)
Software	OS	Win 10 IoT 64bit /Android 8.1/Linux
Mechanical	Mounting	VESA 75 x 75 mm
	Dimensions (W x H x D)	193.3 x 140.9 x 37 mm
	Weight	Net Weight (w/o adapter): 2.2lb, 1kg Weight: 1.2 kg
Optional	Camera	Optional (Embedded module)
	2nd Smart Card Reader	Optional (Add-on Module)
	Handset	Optional (Add-on Module)
	Barcode Scanner	Optional (Add-on Module)
	Smart Card Reader	Optional (Add-on Module)
	RFID/NFC	Optional (Embedded module)
	PoE	Optional
Power Supply	AC/DC Adapter	IT or Medical Grade
	Input Voltage	100 ~ 240V _{AC} , 1.1 ~ 0.45A @ 47 ~ 63Hz
	Output Voltage	ITE or Medical 12 V _{DC} , 3.42A
Environment	Operating Temperature	0 ~ 40 °C
	Vibration	1G
	Shock	10G Peak Acceleration (11ms duration)
	EMC & Safety Cert.	CE, FCC, CCC, CB, UL ITE (Medical by project)

Dimensions

Unit: mm



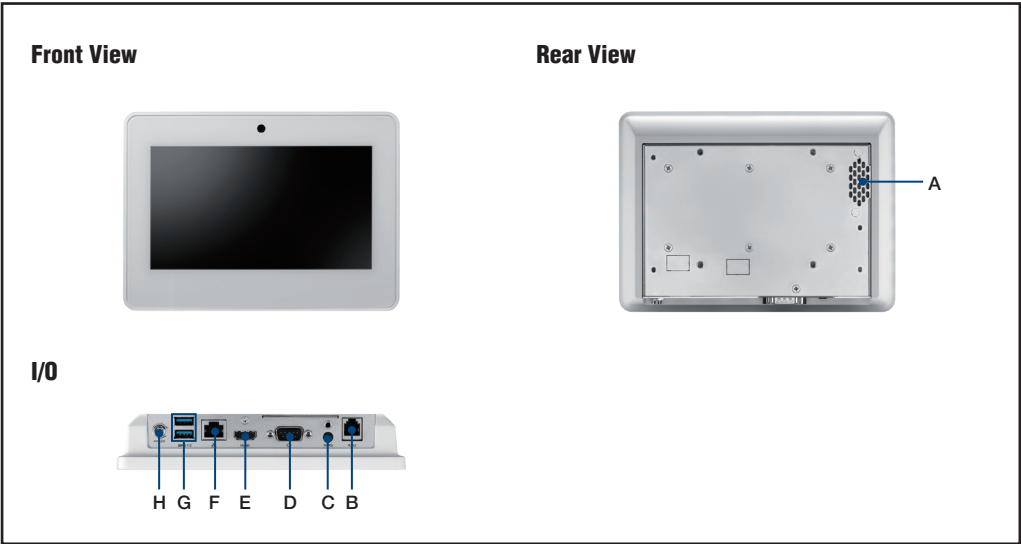
Ordering Information

Part Number	Description
HIT-507-11C20B-CE	7" display, Intel AppoloLake J3455, PCAP Touch, 4G RAM, 64GB SSD, ITE Adapter, open frame
HIT-507-11C20D-CE	7" display, Intel AppoloLake J3455, PCAP Touch, 4G RAM, 64GB SSD, Web Camera, WiFi/BT, ITE Adapter, Win10 IoT Embedded

Accessories

Part Number	Description
1700001524	Power cord USA 1.83M
170203180A	Power cord UK 1.83M
170203183C	Power cord EU 1.83M

Fully-Integrated I/O



- A. Speaker
- B. RJ-12
- C. Audio jack (TRRS)
- D. Com-port
- E. HDMI
- F. RJ-45 LAN
- G. USB 3.0
- H. DC jack
- Optional w/ Peripherals
 - Camera
 - RFID/NFC
 - Handset
 - Smart Card Reader
 - 2nd Smart Card Reader
 - Barcode Scanner