HIT-515

15.6" Healthcare/Hospitality Information Terminal
HIT-515 with Intel® Alder Lake-N N305/N97/N200
Medical All in One PC



Features

- 15.6" full HD display (16:9) with multi-touch P-CAP control
- Low-power and Fanless system design
- IP65-rated front panel protection for superior hygiene and infection control
- Noise-canceling and best audio quality for calls
- Dual isolated Ethernet for Electrical Protection, network Isolation & Security
- Build in Nurse call button, LED indicator, RFID, 5M Camera & Smart Card Reader
- Rich optional peripherals – Handset / PoE+ / 2nd Smart Card Reader
- Support Win 11 IoT / Android / Linux OS
- Medical IEC 60601 certification
- Equipped with Advantech's DeviceOn device management software

Introduction

HIT-515 is an innovative product in the HIT-series, featuring a 43mm thin body enclosure, USB 3.0, 5-megapixel camera, and dual isolated Ethernet, which lets hospitals separate and manage internal and external network traffic. The HIT-515 also features a dedicated audio codec for our background noise-canceling handset to guarantee the best audio quality for calls to nurse stations. The available nurse call button and the LED indicator can be easily linked to existing nurse call systems in hospitals, and can be operated independently, even when the system is off.

HIT-515 is ideal for applications in hospitals, such as bedside information terminals, IP nurse call stations, and treatment centers. It can also be used as an HMI interface for medical equipment.

Moreover, HIT-515 is equipped with Advantech's DeviceOn/iService software, which is a next-generation unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn/iService enables easy device configuration and deployment for convenient remote device management.

Specifications

Hardware	CPU	Intel® Processor N-series Intel® Alder Lake-N N97 (Default) Intel® Alder Lake-N N200 Intel® Core i3-N305
	Memory	8GB DDR5 (Default), up to 16GB SODIMM
	Primary Storage	M.2 2242 SSD 64GB (Default)
	Camera	5MP CMOS
Display	Size	15.6" W
	Max Resolution	1920 x 1080 (FHD)
	Luminance	300 cd/m²
	Contrast Ratio	700:1
Touchscreen	Touch Function	10-point multi touch P-CAP (clear glass) with Medical
Front Button	Touch-sensitive buttons	Screen on/off x1 Volume up x1 Volume down x1 Brightness up x1 Brightness down x1 Reading light LED Button x1
	Button	Nurse Call Bottom x1 Power Button x1 (Option)
I/O Ports	USB 3.0 (Rear)	x1
	LAN (Isolated) (Rear)	Isolated RJ45 (10/100/1000 Mbit) x 2
	DC-in (Rear)	x1
	Com-Port (RS-232) (Rear)	x1
	Handset Out (RJ12)-Hide in the left side(Rear)	x1
	Digital I/O Phoenix port (4 pin) (Rear)*	x1 (Option)
	USB 2.0	x2
	Mic in/head phone out	TRRS x1
	Reset Button	x1
Expansion Slots	M.2 2230 E. Key	x1 (for Wi-Fi 6 /Bluetooth 5.3 module)
Audio	Speaker	3 Watt x 2
	Internal Microphone	1
Other Functions	TPM	TPM 2.0 x1
	Camera	x1
	RFID/NFC	x1, Supports ISO/IEC 14443A/MIFARE Reader, FeliCa Reader, ISO/IEC 14443B Reader
	Smart Card Reader	x1
	Nurse Call LED	x1 (Support 3 Color)
Software	OS	Supports dual OS-Win 11 IoT, Android 14, Linux
Mechanical	Mounting	VESA 75 x 75 mm & 100 x 100 mm
	Dimensions (W x H x D)	400.1 x 273 x 43 mm (15.8" x 10.7" x 1.7")
	Weight	Net Weight (w/o adapter): 7.05 lb, 3.2 kgs Gross Weight: 10.36 lb, 4.7 kgs

All product specifications are subject to change without notice.

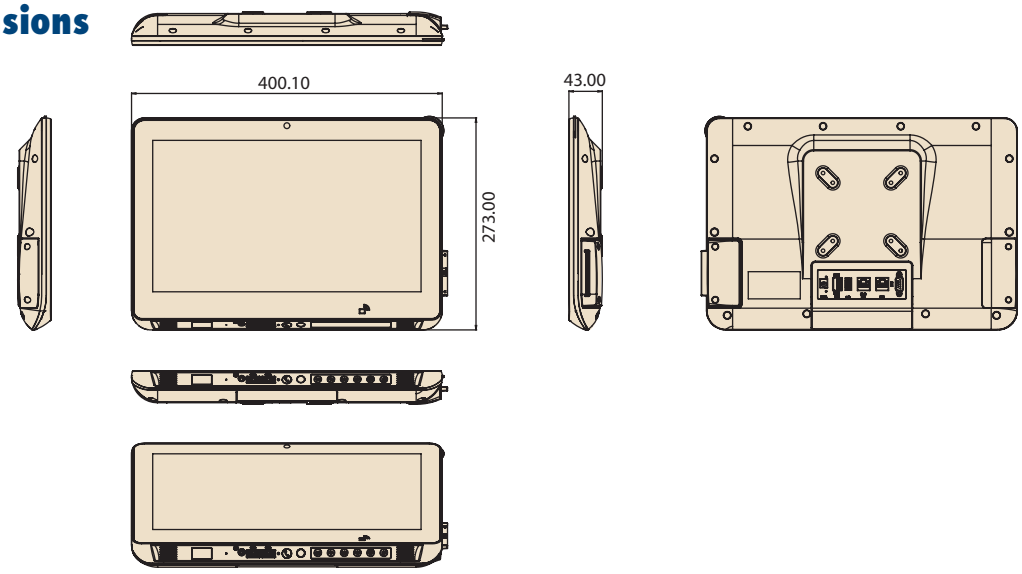
Last updated: 28-Nov-2025

Specifications (Cont.)

Certification	EMC & Safety	Medical CE/FCC (EN60601-1-2 4th Edition), EN60601-1 Compliance, MDR, RED, ErP, CCC, BSMI
Option	Handset	Optional (Add-on Module)
	HDMI in	Optional (Add-on Module)
	MSR	Optional (Add-on Module)
	PoE+ (IEEE 802.3at)	Optional (Built-in Module)
	2nd Smart Card Reader	Optional (Built-in Module)
Power Supply	Adapter	DC mode 19V (Medical DC Jack pin)
Environment	Temperature	0 - 35 °C/32 ~ 95 °F (Operating) 0 - 50 °C/32 ~ 122 °F (Storage)
Warranty	System	2 Year

Dimensions

Unit: mm



Ordering Information

P/N	Description	CPU	DRAM	M.2 SSD	Power
HIT-515-14H24D-CM	HIT-515 N97,8/64G, Cam,WiFi,RFID,SC,win11,Med	N97	8GB	64GB	Adapter
HIT-515-24I24D-CM	HIT-515 N200,8/64G, Cam,WiFi,RFID,SC,win11,PoE	N200	8GB	64GB	PoE

Memory

P/N	Description
SQR-SD5N8G5K6HNGAG	262pin SODIMM DDR5 5600 8GB 1.1v 1Gx16(0-95)
SQR-SD5N16G5K6HNAG	262pin SODIMM DDR5 5600 16GB 1.1v 2Gx8(0-95)

Wi-Fi + BT Module

P/N	Description
EWM-W165M201E	Wi-Fi 6 + BT Module 2.4/5/6GHz M.2 2230

M.2 2242

P/N	Description
SQF-S4BV1-64GDSDM	SQF SATA M.2 2242 650-D 64G 3D TLC BiCS5 (-20~85°C)
SQF-S4BV1-128GDSDM	SQF SATA M.2 2242 650-D 128G 3D TLC BiCS5 (-20~85°C)
SQF-S4BV1-256GDSDM	SQF SATA M.2 2242 650-D 256G 3D TLC BiCS5 (-20~85°C)
SQF-S4BV2-512GDSDM	SQF SATA M.2 2242 650-D 512G 3D TLC BiCS5 (-20~85°C)
SQF-S4BV2-1TDSDM	SQF SATA M.2 2242 650-D 1T 3D TLC BiCS5 (-20~85°C)

OS Image

P/N	Description
Win 11 IoT LTSC 2024	968QW1124EL0XE
Android 14	20708AI0NS0073

Power Cord

P/N	Description
1702002600	USA (Thailand, Philippines)
1702002605	Europe (Indonesia)
1700032693-11	UK (Singapore, Malaysia)
1700000237	Japan (PSE)

Peripheral

P/N	Description
HIT-W183-HSK0E	Handset Kit of HIT-518/515/W183/W153

Software Add-ons

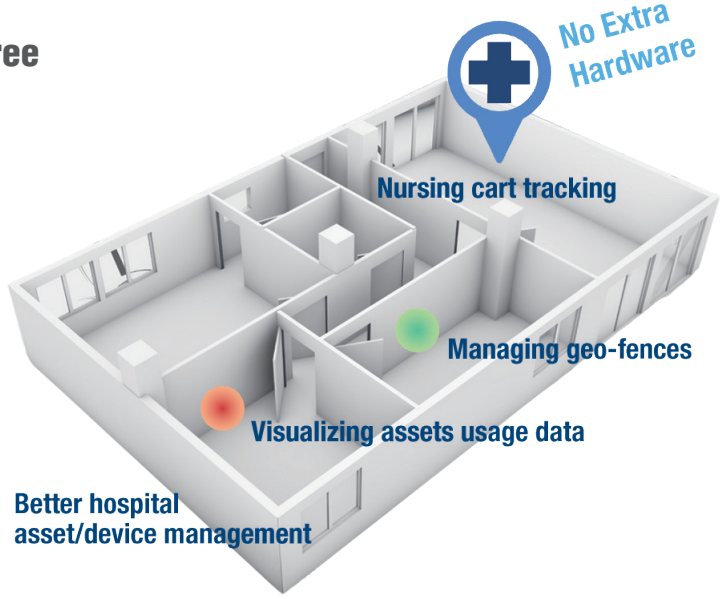
Device real-time location software

Wi-Fi RTLS

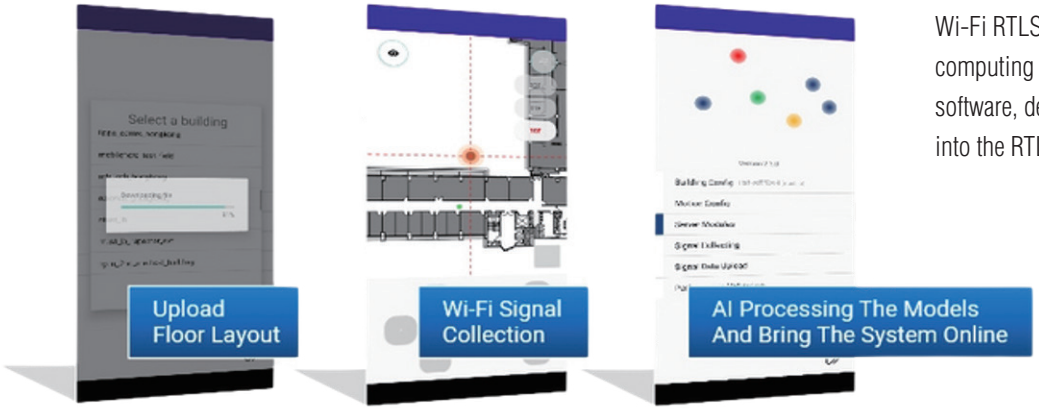
infra-free

Seamlessly connect your edge computing devices into the RTLS system

Advantech Wi-Fi RTLS infra-free software enables immediate location tracking and status monitoring of devices. RTLS contributes to asset management, improves patient care efficiency, and ensures equipment is used sustainably. It also supports compliance with health and safety regulations.



Deploy Faster



Wi-Fi RTLS is a perfect fit for edge computing devices. By embedding the software, devices can seamlessly integrate into the RTLS system.

Order Information

Part Number	Description
31ASRTLSOF01B1	Android
31ASRTLSOF01B2	Windows
31ASRTLSOF01B3	Linux

Supported Models:
POC-4/6/8 series; USM-1/3/5 series ; HIT-3/5 series

Contact us

Email: AiH.service@advantech.com

Click the link to visit our product page for more details, or scan the QR code.

DeviceOn



Introduction

Advantech DeviceOn is a remote management platform optimized for large-scale device deployment, monitoring, and maintenance. It centralizes control to reduce on-site workload and includes tools like remote desktop, log access, event tracking, and alerts to minimize downtime. OS updates can be performed remotely to keep devices secure. Developed in-house and tightly integrated with Advantech hardware, DeviceOn offers high reliability and compatibility.

Service & Specifications

Function List	Windows	Android	Linux(Ubuntu)	Builder	Manager
	10, 11	8+	20.04+	Only available on SaaS	
Profile – OS Settings (KIOSK Mode, others are OS dependent)	✓	✓		✓	✓
Profile – Alarm Rules, Software & Peripheral Monitoring, Task Schedule	✓	✓	✓	✓	✓
Profile – Device Security (Auto Lock, Application install policy)		✓		✓	✓
OTA – Update Operating System		✓		✓	✓
OTA – Manage Installation Packs, Remote App Installation, Script Deployment & Execution	✓	✓	✓	✓	✓
OTA – Synchronized File Transfer to Multiple Endpoints	✓		✓	✓	✓
OTA – Remotely Download 3rd-party Application Logs	✓	✓	✓		✓
Monitoring – Hardware Status (CPU/RAM/Storage/Battery)	✓	✓	✓		✓
Monitoring – Software Status (Running Status/CPU & Memory Usage)	✓	✓	✓		✓
Monitoring – Advanced Battery Management [Specific Battery Models]	✓				✓
Monitoring – Peripherals & Display (Connection Status) [USB Only]	✓	✓	✓		✓
Control – Adjust Volume & Backlight, Screenshot, Reboot & Shutdown	✓	✓	✓		✓
Control – Download System Log and Network Information		✓			✓
Control – Remote Desktop	✓	✓	✓		✓
Control – Remote Secure Shell (SSH)			✓		✓
User Management – Manage User-accessible Feature Permissions	✓	✓	✓	✓	✓
User Management – Manage User Device Management Permissions	✓	✓	✓	✓	✓

Ordering Information

Ordering P/N	Product	Cloud(Server) Type	Description
36CSDOISSASP01	Device Subscription	SaaS Cloud	Annual Cloud Service for 1 device (365 days)
36CSDOISSASP03	Data Traffic	SaaS Cloud	Recharge with around 240GB more data traffic
36CSDOISPSRP01	Device License	On-Premise Server	Perpetual License for 1 device
36CSDOISPSRP02	Server License	On-Premise Server	Server Activation License (valid for 1 server installation - including 2-year software warranty)
36CSDOISPSRP03	Extended Warranty	On-Premise Server	Annual Maintenance & Upgrade Fee (beyond the standard 2-year warranty)