Medical AIO
21.5" All In One PC | BHD-220HB

Bytec Healthcare

BHD220HB
21.5" Medical AIO PCs
Powered Panel PCs

Skylake Processor

| Anti-Bacterial | IP65 | Fanless | RFID | WIFI | Webcam | IC Card Reader | 12 hrs |

Key Features

- 21.5" True-Flat PCAP Touch
- Intel Skylake U Processor
- Front IP65, Enclosure IPX1
- Lightweight Design
- Antibacterial Plastic Material
- Hot-Swappable Batteries
- Support OSD Function
- LED Light & Batteries Status
- Medical Certificate

The BHD-220HB is an elegant and lightweight medical-grade all-in-one panel PC, suitable for medical carts, operating rooms, and bedside infotainment terminals. Specifically designed for medical use, the 220HB is user-friendly and easily operated by healthcare professionals. Its unique antibacterial material ensures hygiene concerns are alleviated during use.

Additionally, the inclusion of Hot-Swappable batteries enhances workflow efficiency. With its comprehensive features, the 220HB serves as an optimal medical hardware solution, ultimately optimizing healthcare productivity for better patient outcomes.
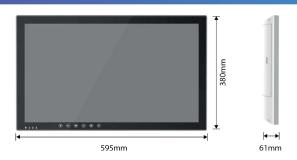
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Dimensions

380mm

595mm

61mm

Specifications

Category	Subcategory	Specification
System	Motherboard Processor Graphic Engine Memory Storage TPM	F87U Intel® Skylake U 3955U, i5-6300U Intel© Graphics (Gen9) DX12 2x DDR4 up to 32GB (Dual Channel) 1x 2.5" SATA HDD or SSD Module TPM 2.0; NUVOTON 650 (Unable to support windows 7 series)
Display	Size & Resolution Brightness Touch screen	21.5" 1920x 1080 (16:9 Ratio) 250 Nits True-Flat PCAP Touch
I/O Ports	USB Powered USB Serial Port LAN HDMI Audio Jack	4x USB 3.0 1x Powered USB 24V 2x RJ48 2x RJ45 1x Input 1x Line-out, 1x Mic-in
Optional I/O Ports	Isolated I/O Ports	2x DB9, 2x USB 2.0 (Project-specific option)
Audio	Speakers	1x 2W
Indicator	Power Button Battery Status	1 (LED Indicator) 3 (Dual Colour LED indicator)
Power	Power Supply Wide Range Power Input Connector	120w / 19V 2-48V 4-PoleDIN (With Latch)
Communication	Wireless LAN + BT	802.11 a/b/g/n WLAN card + BT 4.0 (Option)
Peripheral	Webcam LED Reading Light RFID or IC Card Reader	2MP Camera (Optional) 1 1
Battery	Battery Pack Battery Runtime Battery Charging time	3x 10000mAh Hot swappable 12 Hours with 3 battery packs 5 Hours per battery
Certification	EMC & Safety Medical Grade	FCC Class B, CE Mark Class B, LVD, EN 60601-1-1-2:2015, ANSI / AAMI ES60601-1
Environment	Ventilation Operating Temperature Storage Temperature Humidity Dust & Water Proof	Fanless 0ºC ~ 35ºC (32ºF ~ 95ºF) -20ºC ~ 65ºC (-4ºF ~ 140ºF) 10% - 90% RH Non-condensing Front IP65
Dimentions	W x H x D	533 x 325 x 59 mm (17.4" x 10.7" x 1.9")
Mounting	VESA Mount	75 x 75, 100 x 100
OS Support	OS	Windows 10 Iot 64 bit, Linux