

Medical AIO

21.5" All In One PC | BHD-220HB



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.



Bytec Healthcare Ltd,
Unit C4 Rock Business Park,
Washington, West Sussex,
RH20 3GR



Tel: (44) (0) 1737 378820
Fax: (44) (0) 1737 378802



visit www.bytechealth.com/aio
or use the QR link →



Medical AIO

21.5" All In One PC | BHD-220HB

Dimensions



Specifications

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" 1920x1080 (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 0°C ~ 35°C (32°F ~ 95°F) -20°C ~ 65°C (-4°F ~ 140°F) 10% - 90% RH Non-condensing Front IP65
Dimensions	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 lot 64 bit, Linux

Notice - Bytec Healthcare takes reasonable steps to ensure that all technical information and recommendations disclosed in our datasheets, brochures and website are based upon our experience and research, it is provided in good faith. Users shall independently determine the suitability of the products shown for their particular regional requirements and intended use, and will ensure that they meet the relevant regulations for the countries of use, as these may differ greatly from country to country. As such we accept no liability whatsoever for any inaccuracies herein disclosed. Please feel free to contact our technical teams, who would be delighted to advise you on specific regulatory issues. Bytec Healthcare reserves the right to alter, delete or make obsolete any product featured in its brochures, datasheet and website without prior notice.