

Medical AIO

23.8" All In One PC | BHD-240H



BHD240HB

23.8" Medical AIO PCs

Non-powered Panel PCs

Tiger Lake Processor



Anti-Bacterial



IP65



Fanless



RFID



WiFi



Webcam



IC Card Reader

Key Features

- 23.8" Full HD Panel PC
- Multi-touch PCT screen
- Sleek light weight design
- Fanless design, Ease of cleaning
- Medical grade materials
- Dustproof and waterproof (IP65)
- Isolation USBs
- Dual LED reading light

The 240H is designed for seamless integration into hospital environments, the product caters to both general and specialized use cases within medical settings, ensuring enhanced efficiency and productivity across a spectrum of medical tasks.

This versatile device serves as a vital tool for accessing and supporting a wide range of application from patient information, medical records, media services, education, intervention, monitoring, admissions and more.



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
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Specifications

System	Processor	12th Generation Intel® Core™ i5-1235UL Processor, 12M Cache, up to 4.40 GHz (15W) i7-1265UL Processor, 12M Cache, up to 4.80 GHz (15W)
	System Memory	1x 260-pin DDR5 4800 MHz SO-DIMM socket, supports up to 32GB Max
	I/O Chipset	Monitoring CPU & System Temperature and voltage H/W Reset, 1sec. – 65535sec./min. 1sec. or 1min. step CPU, Temperature, Voltage monitoring
	Watchdog Timer H/W Status Monitor TPM Platform Controller Hub	System temperature monitoring Onboard NuvoTon NPCT754AABYX support TPM 2.0 (Optional) Integrated in processor (SOC)
Storage	Storage	1 x M.2 Key M storage (Optional), 1x 2.5" SSD (Optional)
I/O Ports	Wireless LAN USB Port COM Port	Optional 802.11abgn + acR2 +axR2 Wi-Fi 6E BT5.2 1 x USB 2.0 3 x USB 3.0, 1x USB Type C (Output for USB 3.1 & display, 5V/3A 15W, no power receiving function) 1x RS-232/422/485
Audio	Audio Codec Speaker Output	Realtek ALC888S 2 x 2W
Certifications	Certification	CE : IEC/EN60601-1-2, FCC : Part 15 Class B, UL60601-1, UKCA
Expantions	Expansion	1 x M.2 Key B 3042/305/2280
Software Support	OS Information	Win10, Win11, Linux
Power Requirement	DC Input Connector DC Input Power Mode Adaptor	Lockable DC Jack +12V~+24V AT/ATX (ATX is default setting) Medical Grade: Input: 100-240V, 2.0-1.0A, 50-60Hz Output: 120W adaptor (24V/5A A)
Mounting	VESA mount	75 x 75, 100 x 100
Panel	LCD Size Display Type Resolution Pixel pitch Luminance Contrast ratio Viewing angle Response time Backlight Touch Type Touch Light Touch Controller	23.8" Full HD 1920 x 1080 274.5 x 274.5 250 cd/m² 3000 89(U), 89(D), 89(L), 89(R) 16ms LED Projective Capacitive, Multi-touch up to 10 points 85% USB touch (EETI EXC3188)
Mechanical & Environmental	Operating Temperature Storage Temperature Operating Humidity Dimension (W x L x H) Weight Vibration Test Shock Test IP Rating Construction - Front & Rear Finishing Fanless	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 60°C (-14°F ~ 140°F) 40°C @ 95% Relative Humidity, Non-condensing 592 x 382 x 49.85mm 6.0 Kgs With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms Front IP65, back IP54 White Plastic Anti-Microbial Yes

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Dimensions

