

# HBPC-421

## BEDSIDE & INTENSIVE CARE COMPUTER

**artech**  
art of technology

Medical Computer Solutions



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for detailed information.



Designed for hygienic environments with a sterile keyboard and touch screen, the **Artech Bedside & Intensive Care Computer** facilitates information access through the hospital information management system (HIMS) and provides reliable solutions for healthcare professionals to access accurate information.

### KEY FEATURES

- **Access to Patient Information with HIMS:** Provides easy access to patient information integrated with the hospital information management system.
- **Antibacterial Keyboard and Touchpad:** Antibacterial keyboard and touchpad for hygienic use.
- **Barcode Reader:** Enables fast and accurate data entry.
- **RFID Reader:** For tracking personnel and patients.
- **IP65 Front Panel Protection:** IP65-rated front panel for easy disinfection.
- **Bluetooth Remote Patient Monitoring:** Supports patient monitoring with Bluetooth remote.
- **Fanless Design for Silent Operation:** Ensures a quiet working environment.
- **Automatic Standby Feature:** Automatic standby for energy saving.

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	: J1900 / i5 / i7
PSU	: AC220 / DC24
Optical Drive	: DVD-RW
RAM	: R4 / R8 / R16
HDD	: 500GB HDD(Ops) / SSD64 / 128 / 256
Wifi	: Optional
RFID Reader	: Mifare / HID
Barcode Reader	: 1D / QR

SYSTEM

CPU	: Intel® Celeron® Processor J1900
Cache	: 2nd Level Depends on CPU
Memory	: 2 x DDR3 SoDIMM maks. 4GB / 8GB
Video RAM	: Intel® Gen7 Intel® Graphics DX 11
Control	: Intel® Soc
Watchdog Timer	: 255 Level Reset
System Fan	: N.A.

INPUT/OUTPUT

Serial Port	: 3 x RS-232 Ports
Parallel Port	: SPP/EPP/ECP
USB Port	: 4 x USB 2.0 / USB 3.0
LAN	: 1 x LAN Realtek Gigabit Ethernet
Keyboard	: Integrated Antibacterial Turkish Keyboard
Mouse	: Integrated Antibacterial Touchpad
Audio	: Line in & out (AC'97 codec audio)
Expansion Slot	: MiniPCIe
Readers	: Built-in QR Barcode Scanner Module (Optional)

DATA STORAGE

HDD / Type	: Vibration Resistant Slot 2.5 "(500 GB HDD)
SSD	: 64 GB / 128GB / 256 GB

FEED

Input	: 220 VAC or 24 VDC
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LCD SCREEN

Type and Size	: 21" / 16:9
Max. Resolution	: 1920 x 1080
Pixel Pitch	: 0.297mm x 0.297mm
Max Color	: 16.7 M
Brightness	: 350cd
Contrast Ratio	: 1000/1
Viewing Angle	: 160°(H),160°(V)
Back Light MTBF	: 50,000 Hours
Touch Screen	: 21" Touch-Capacitive

EKSTRA VIDEO OUTPUT

Type	: HDMI/VGA
Max. Resolution	: 1920x1080

MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Heavy-Duty Metal Case
Front Frame	: Custom Built-in Glass
Weight	: Variable According to Screen Size
Dimensions	: Variable According to Screen Size
Mounting	: Surface Mounted

