

GP-424

OR INTEGRATION SYSTEM
OR CONSOLE

artech
art of technology

Medical Computer Solutions



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for detailed information.



The Artech OR Console is designed for healthcare professionals to quickly access historical and current patient information, ensuring compliance with sterile environment requirements. This medical PC is compatible with your existing technology network and software, and is configurable for future applications.

KEY FEATURES

- **Access to Patient Information with HIS:** Provides quick access to patient information through the Hospital Information Management System (HIS).
- **Operating Room Record Keeping:** Securely keeps operating room records.
- **Barcode Reader:** Enables fast and accurate data entry.
- **RFID Reader:** Tracks personnel and consumables using RFID technology.
- **IP65 Front Panel Protection:** Easy to disinfect, suitable for sterile environments.
- **Antibacterial Q Keyboard and Touchpad:** Hygienic and user-friendly.

REGULATORY COMPLIANCE

- 2017/745 Medical Device Regulation
- IEC-60601 standards for medical electrical equipment safety and electromagnetic compatibility.

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	: i7 8700
PSU	: AC220
Optical Drive	: DVD-RW
RAM	: R16
HDD	: 2TB HDD / SSD256
Wifi	: 802.11 b / g / AC
DICOM Viewer	: DICOM Preset
RFID Reader	: N.A
Barcode Reader	: N.A

SYSTEM

CPU	: Intel® Icore i7 8700
Cache	: 12 mb
Memory	: 1 x DDR4 SoDIMM 16 GB 2400MHZ
Video RAM	: Intel® UHD 630 Graphics
Chipset	: Intel® H310
System Fan	: Slim Radial Fan

INPUT/OUTPUT

Capture Card	: HDMI Analog svideo
Serial Port	: (1 x RS-232/422/485, 1 x RS-232)
Parallel Port	: N.A.
USB Port	: 4 x USB 2.0 , 4 x USB 3.0
KB / MS	: N.A.
LAN	: 2 x LAN Intel® I217V Ethernet
Keyboard	: Integrated Antibacterial Turkish Keyboard
Mouse	: Integrated Antibacterial Mouse
Optical Drive	: DVD-RW Optik Driver
Wireless LAN	: 802.11 b / g / AC
Audio	: Line in & out (AC'97 codec audio)
Expansion Slot	: PCIe/MiniPCIe

DATA STORAGE

HDD / Type	: Vibration Resistant Slot 2.5" (2 TB HDD)
SSD	: 256 GB

FEED

Input	: 220VAC
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LCD SCREEN

Type and Size	: 24" / 16:9
Max. Resolution	: 1920x1200
Pixel Pitch	: 0.270mm x 0.270mm
Max Color	: 1.07M
Brightness	: 900 nits
Contrast Ratio	: 1000/1
Viewing Angle	: 160°(H), 160°(V)
Back Light MTBF	: 50,000 Hours
Touch Screen	: N.A

EXTRA VIDEO OUTPUT

Tip	: 2xDP/1xVGA/HDMI
Max. Resolution	: VGA/HDMI(1920x1080) , DP(4096x2304)

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	: Built-in

OUTPUT

Screen Outputs	: 2 x SDI In/Out + 1 x DP 2 x DVI 1 x VGA + S-Video In/Out + CVBS In/Out + CVBS In/Out YPbPr / XsRGB In/Out
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