

# GP-417

OR INTEGRATION SYSTEM  
OR CONSOLE

**artech**  
art of technology

Medical Computer Solutions



Scan the QR code  
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	: J1900 / i5 / i7
PSU	: AC220
Optical Drive	: DVD-RW
RAM	: R4 / R8 / R16
HDD	: 500GB HDD(Ops) / SSD64 / SSD128 / SSD256
Wifi	: Optional
DICOM Viewer	: DICOM Preset
RFID Reader	: Mifare / HID
Barcode Reader	: 1D / QR

SYSTEM

CPU	: Intel® Celeron j1900 / Intel® Icore i5/i7
Cache	: 2nd Level depends on CPU
Memory	: 2 x DDR3 SoDIMM maks. 4GB / 8GB(16GB Optional)
Video RAM	: Max 128 MB Shared Memory
Control	: Intel® Soc / QM77
Watchdog Timer	: 255 Level Reset
System Fan	: N.A.

INPUT/OUTPUT

Serial Port	: 3 x RS-232 Ports
Parallel Port	: SPP/EPP/ECP (Optional)
USB Port	: 4 x USB 2.0
KB / MS	: 1 x PS2 K/B and Mouse
LAN	: 2 x LAN Realtek Gigabit Ethernet
Keyboard	: Integrated Antibacterial Turkish Keyboard
Mouse	: Integrated Antibacterial Touchpad
Optical Drive	: DVD-RW Optical Driver (Optional)
Wireless LAN	: 802.11 b / g (Optional)
Audio	: Line in & out (AC'97 codec audio)

Expansion Slot	: PCIe/MiniPCIe
Readers	: Built-in QR Barcode Scanner Module RFID Reader(Optional)

DATA STORAGE

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

FEED

Input	: 220VAC or 24VDC
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LCD SCREEN

Type and Size	: 17" / 4:3
Max. Resolution	: 1280x1024, XGA
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	: 17" Touch-Resistive

EXTRA VIDEO OUTPUT

Type	: 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 Metal
Weight	: Variable according to screen size
Dimensions	: Variable according to screen size
Mounting	: Built-in

