

GP-449

OR INTEGRATION SYSTEM
OR CONSOLE

artech
art of technology

Medical Computer Solutions



Scan the QR code
for detailed information.



Artech Operating Room Console is a computer designed in accordance with sterile environment conditions, allowing healthcare personnel to quickly access retrospective transactions and up-to-date information about patients. Its 49" widescreen display and 4K resolution provide a clear and detailed view in the operating room environment. Compatible with your existing technology network and software, this computer can also be configured for future applications.

KEY FEATURES

- **49" Widescreen and 4K Resolution:** Provides clear, detailed and high quality imaging in the operating room environment.
- **Access to Patient Information with HIS:** Provides fast access to patient information with the Hospital Information Management System (HIMS).
- **Making Operating Room Records:** Keeps operating room records securely.
- **Barcode Reader:** Barcode reader for fast and accurate data entry.
- **RFID Reader:** RFID reader for tracking personnel and consumables used.
- **IP65 Front Panel Protection:** Easy to disinfect, suitable for sterile environments.
- **Antibacterial Q Keyboard and Touchpad:** Hygienic and user-friendly.

REGULATORY COMPLIANCE

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

TECHNICAL SPECIFICATIONS

ORDER CODE

| | |
|--------------|----------------------|
| CPU | : i5-12th Generation |
| PSU | : AC220 |
| Optik Sürücü | : DVD-RW |
| RAM | : R16 |
| HDD | : 2TB HDD / SSD256 |
| Wifi | : 802.11 b / g / AC |
| DICOM Viewer | : DICOM Preset |

SYSTEM

| | |
|------------|-----------------------------------|
| CPU | : Intel® Icore i5 12th Generation |
| 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) |
| USB Port | : 4 x USB 2.0 , 4 x USB 3.0 |
| LAN | : 2 x LAN Intel® I217V Ethernet |
| Keyboard | : Integrated Antibacterial Keyboard |
| Mouse | : Integrated Antibacterial Mouse |
| Optical Drive | : DVD-RW Optical 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 |
|-------|----------|

LCD SCREEN

| | |
|-----------------|--|
| Type and Size | : 49" / 16:9 / DICOM Preset (Optional) |
| Max. Resolution | : 3840 x 2160 |
| Pixel Pitch | : 0.53025mm x 0.053025mm |
| Max Color | : 1073.7 M |
| Brightness | : 700 cd 4K |
| Contrast Ratio | : 4000/1 |
| Viewing Angle | : 178°(H),178°(V) |
| Back Light MTBF | : 50,000 Hours |
| Touch Screen | : N.A |

EXTRA VIDEO OUTPUT

| | |
|-----------------|---------------------------------------|
| Type | : 2xDP/1xVGA/HDMI |
| Max. Resolution | : VGA/HDMI(3840x2160) , 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 |

