

# IPC-621

## INDUSTRIAL PANEL COMPUTER ULTIMATE SERIES

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Industrial Computer Solutions



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**Artech Ultimate Series 21" Touchscreen Industrial Panel PC** is designed to seamlessly integrate into the various challenges of production environments. These touchscreen industrial computers are capable of providing uninterrupted and high performance in harsh industrial conditions.

### MAIN ADVANTAGES

- **Durability and Performance:** Ensure continuous operation of your facility with Artech Industrial Panel Computers that operate smoothly even in harsh industrial conditions.
- **Cost and Energy Savings:** Reduce your total cost of ownership through energy efficiency and low-cost operation.

### KEY FEATURES

- **Fanless iCore Next-Generation Processor:** Combines advanced processing power with energy efficiency and silent operation.
- **Enhanced Touch Technology:** Offers maximum durability with 3 mm reinforced, resistive, and capacitive flat touch options.
- **Flexible Storage Solutions:** Easy to remove and replaceable disk slot for simplified data management.
- **Multipurpose Expansion Slot:** Equipped with various expansion options like PCIe, IO, additional USB, and serial ports.
- **Reliable Power Supply:** Ensures stable performance with 24 VDC power supply.
- **Wide Operating Temperature Range:** Smooth performance between 0-60 °C degrees.
- **Durable Construction:** Fanless, fully enclosed, and dust-protected industrial-grade stainless steel metal body for long-lasting use.

## TECHNICAL SPECIFICATIONS

### ORDER CODE

CPU	: i3 / i5 / i7
PSU	: 24 VDC ( Adapter Included )
RAM	: R8 / R16 / R32
HDD	: 500GB HDD(Opt) / SSD64-SSD128 SSD256-SSD512
Wi-Fi	: Optional

### SYSTEM

CPU	: Intel i7/ i5/ i3
Cache	: By CPU
Memory	: 8GB/ 16GB/ 32GB
Video RAM	: Shared Memory
Chipset	: H110
Watchdog Timer	: 1 Sec. or 1 Min. Step
System Fan	: Fanless

### INPUT/OUTPUT

Serial Port	: 2 x RS232 / 422/ 485
Parallel Port	: N.A.
USB Port	: 4 x USB 3.0, 2 x USB 2.0
LAN	: 2 x Ethernet Gigabit
Wireless LAN	: Optional (802.11 b/g/n* 2.4Ghz/5.0Ghz)
Audio	: Mic-in, Line-out
Expansion Slot	: 1 x M.2 A Key / 1 x M.2 B Key

### DATA STORAGE

HDD Type	: N.A.
HDD Storage	: 64 GB / 128 GB / 256 GB / 512 GB

### FEED

Input	: 24 VDC (Adapter Included)
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### LCD SCREEN

Type and Size	: 21,5" LVDS (16:9 Widescreen)
Max. Resolution	: 1920 x 1080 Pixels
Pixel Pitch	: 0.297(H) x 0.297(W)
Max. Color	: 16.7 M
Brightness	: 250cd
Contrast Ratio	: 1000/1
Viewing Angle	: 160°(H),160°(V)
Back Light MTBF	: 50,000 Hours
Touch Screen	: 21" Touch-Projected Capacitive

### EXTRA VIDEO OUTPUT

Type	: HDMI (DP/DVI/VGA Optional)
Max. Resolution	: 1920 x 1080 (2560 x 1600)

### MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Heavy-Duty Stainless Metal Case
Front Frame	: IP65 Aluminum
Weight	: 8,8 kg
Dimensions	: Variable According to Screen Size
Mounting	: Panel and Vesa

