

# IPC-721

## INDUSTRIAL PANEL COMPUTER PERFORMANCE SERIES

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Industrial Computer Solutions



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**Artech Performance Series 21" Touchscreen Industrial Panel PC** is a key part of digital transformation, offering excellent performance in the harsh conditions of production environments. It is equipped with wide viewing angles and capacitive multi-flat touch screen technology.

### 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

- **High-Performance Fanless Processor:** Provides energy efficiency and silent operation.
- **Capacitive Multi-Flat Touch Technology:** Delivers a seamless and precise touch experience.
- **16:9 Wide Screen:** Offers a user-friendly viewing experience with wide viewing angles.
- **0-60 °C Operating Performance:** Stable operation across a wide temperature range.
- **IP65 Front Panel Protection:** Superior protection against dust and water.
- **Thin Industrial Dust Protected Metal Body:** Durable and long-lasting use.
- **24/7 Operation Suitable:** Ideal for uninterrupted operations.

## TECHNICAL SPECIFICATIONS

## ORDER CODE

CPU	: N4200, i7, i5, i3
PSU	: DC - 12/24 VDC
RAM	: R4 / R8 / R16 / R32
HDD	: 500 GB HDD (Optional) / 64 GB SSD 128 GB SSD, 256 GB SSD
Wi-Fi	: Optional

## SYSTEM

CPU	: Intel® N4200 / i3 / i5 / i7
Cache	: By CPU
Memory	: 2 x DDR3 SO-DIMM Sockets, Max. Capacity 32 GB
Video RAM	: Intel® HD Graphics
Chipset	: By CPU
Watchdog Timer	: 255 Level Reset
System Fan	: N.A.

## INPUT/OUTPUT

Serial Port	: RS-232 / 422 / 485
Parallel Port	: N.A.
USB Port	: 4 x USB 3.0
LAN	: Dual LAN; Dual Gigabit 10/100/1000
Wireless LAN	: 802.11 b/g/n (Optional)
Audio	: Line-in & out (AC'97 Codec Audio)

## DATA STORAGE

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

## FEED

Input	: 110 / 220 VAC or 24 VDC
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## LCD SCREEN

Type and Size	: 21,5" LVDS (16:9 Widescreen)
Max. Resolution	: 1920 x 1080, Full HD
Pixel Pitch	: 0.297 mm x 0.297 mm
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-Projected Capacitive

## EXTRA VIDEO OUTPUT

Type	: HDMI / VGA
Max. Resolution	: 4096 x 2160

## MECHANICAL &amp; ENVIRONMENTAL FEATURES

Working Temp.	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Heavy-Duty Metal Body
Front Frame	: IP65 Front Frame
Weight	: 7,8 kg
Dimensions	: Variable According to Screen Size
Mounting	: Panel and Vesa