

IPC-721

INDUSTRIAL PANEL COMPUTER PERFORMANCE SERIES

artech
art of technology

Industrial Computer Solutions



For detailed information
please scan the QR code.



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 |
|-------|---------------------------|

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 & 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 |

