

IPC-716

INDUSTRIAL PANEL COMPUTER PERFORMANCE SERIES

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Industrial Computer Solutions



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Artech Performance Series 15.6" Touchscreen Industrial Panel PC is an indispensable component in the digital transformation of manufacturing environments. Equipped with wide viewing angles and capacitive multi-flat touch screen technology, this device delivers 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

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

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	: Fanless Celeron® J6412
PSU	: DC - 12 or 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	: Fanless Celeron® J6412
Cache	: By CPU
Memory	: 2 x DDR4 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	: Vibration Resistant Slot
HDD Storage	: 64 GB / 128 GB / 256 GB

FEED

Input	: 12 or 24 VDC
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LCD SCREEN

Size / Type	: 15,6" LVDS (16:9 Wide Screen)
Max. Resolution	: 1920 x 1080
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	: 15,6" Touch-Projected Capacitive

EXTRA VIDEO OUTPUT

Type	: HDMI
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	: 5.2 kg
Dimensions	: Variable According to Screen Size
Mounting	: Panel and Vesa

