

# IPC-816

## INDUSTRIAL PANEL COMPUTER STAINLESS SERIES

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Industrial Computer Solutions



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**Artech Stainless Series 16" Touchscreen Industrial Panel PC** facilitates the digital transformation process in manufacturing environments with its wide screen and capacitive touch technology. Equipped with an Intel iCore5 - 11th Generation processor, this device offers superior performance, Full HD resolution, and various power supply options.

### 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

- **Intel iCore5 - 11th Generation Processor:** Provides high processing performance.
- **Full HD Resolution:** Ideal for sharp and clear images.
- **Capacitive Multi-Flat Touch Technology:** Delivers a seamless touch experience.
- **12V and 24VDC Power Supply Options:** Offers flexible power solutions.
- **Easily Removable and Replaceable Disk Slot:** Simplifies data management.
- **0-60 °C Operating Performance:** Stable operation across a wide temperature range.
- **IP65 Front Panel Protection:** Superior protection against dust and water.
- **Stainless Steel Case:** Ensures durability and long life.
- **24/7 Operation Suitable:** Perfect for uninterrupted operations.

## TECHNICAL SPECIFICATIONS

## ORDER CODE

CPU	: i5.11th
PSU	: 12 / 24
RAM	: R4 / R8 / R16 / R32 / R64
HDD	: 64 / 128 / 256 / 512 / 1TB
Wi-Fi	: Optional

## SYSTEM

CPU	: iCore i5 11. Nesil
Memory	: DDR4-3200, 2*SO-DIMM, up to 64 GB
Video RAM	: Intel® HD Graphics
Chipset	: Intel
Watchdog Timer	: 255 Level Reset
System Fan	: Fanless

## INPUT/OUTPUT

Serial Port	: 3 x (RS232/RS422/RS485)
Parallel Port	: N.A.
USB Port	: 6 (4 x USB 3.0 , 2 x USB 2.0)
LAN	: 2 x Ethernet 10/100/1000 BaseT
Wireless LAN	: 802.11 b / g / n (Opsiyonel)
Audio	: Realtek® 5.1 channel HDA Codec, with MIC/Line-out and Amplifier
Expansion Slot	: Mini PCIe

## DATA STORAGE

HDD Type	: Fixed / Slide - Easy Change
SSD	: M.2 / 2.5" SSD   64 GB / 128 GB / 256 GB / 512GB / 1TB

## FEED

Input	: 12 or 24V DC
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## LCD SCREEN

Type / Size	: 15.6" (16:9)
Max. Resolution	: 1920 x 1080
Pixel Pitch	: 0.297(H) x 0.297(W)
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	: Capacitive (Flat Touch)

## EXTRA VIDEO OUTPUT

Type	: 2 x HDMI Display Output
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## MECHANICAL &amp; ENVIRONMENTAL FEATURES

Working Temp.	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Dust Proof Stainless Steel Body
Front Frame	: IP65 Aluminium
Mounting	: Pano, Kiosk or Vesa

