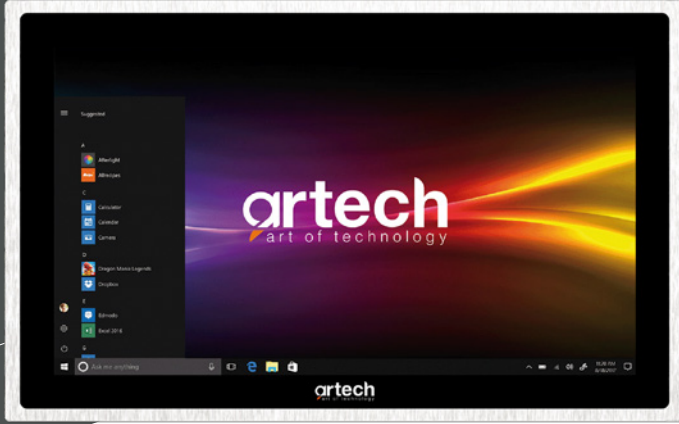


IPC-916 Ultra Core



15.6" Touch Screen Industrial Panel PC

Industrial Panel Computer



For detailed information
please scan the QR code



The Artech Ultra Core Series 15.6" Touch Industrial Panel PC is a solution designed to facilitate the digital transformation of production environments with its wide display and capacitive touch technology. Powered by a 12th Gen Intel Core processor, it delivers high processing performance for demanding industrial applications, while offering Full HD resolution and multiple power input options to fully meet modern industrial requirements. The series is equipped with performance-enhancing innovations such as an updated cooling design that ensures longer service life and improved environmental durability.

KEY FEATURES

- **Domestic Production Advantage:** Reliable quality with local manufacturing standards.
- **Intel iCore – 12th Generation:** Delivers high processing performance for demanding industrial applications.
- **Enhanced Cooling Design:** Optimized for long-term stability and reliable use.
- **Full HD Resolution:** Ideal for sharp and clear visuals.
- **Capacitive Multi-Flat Touch Technology:** Provides a seamless touch experience.
- **Easy-to-Remove and Replaceable Drive Bay:** Simplifies data management and maintenance.
- **0-60 °C Operating Temperature:** Stable performance across a wide temperature range.
- **IP65 Front Panel Protection:** Excellent protection against dust and water.
- **Stainless Steel Housing:** Offers durability and a long lifespan.
- **Suitable for 24/7 Operation:** Ideal for continuous use.
- **Flexible Power Options:** Compatible with 12VDC or 24VDC power input.

TECHNICAL SPECIFICATIONS

Order Code

CPU	: Intel® Processor iCore5 12th Gen.
PSU	: 12-24
RAM	: 4 / 8 / 16 / 32 / 64
HDD	: 64 / 128 / 256 / 512 / 1TB
WI-FI	: No WI-FI / WI-FI

System

CPU	: Intel® Processor iCore5 12th Gen.
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

I/O

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 (Optional)
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 - 24 VDC
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LCD Screen

Type and Size	: 15.6" (16:9)
Max. Resolution	: 1920x1080
Pixel Pitch	: 0.297mm x 0.297mm
Max. Color	: 16.7 M
Brightness (cd/m2)	: 350cd / m2
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	: 1 x HDMI Display Output
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Mechanical & Environmental Features

Operating Temperature	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Dust Proof Stainless Steel Body - Front Frame
Front Frame	: IP65 Aluminium
Mounting	: Suitable for Panel, Kiosk or VESA Mounting

