

IPC-917

17" Touch Screen Industrial
Panel PC

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Industrial Panel Computer



For detailed information
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The Artech Ultra Series 17" Touch Industrial Panel PC is a solution designed to facilitate the digital transformation of production environments with its wide screen and capacitive touch technology. Powered by a 12th Gen Intel iCore processor, it delivers high performance and meets modern industrial needs with Full HD resolution and a variety of power input options. In addition to its high operational performance, enabled by the 12th Gen iCore processor, this series features performance-enhancing updates, including an improved cooling design that ensures longer service life and enhanced environmental durability.

KEY FEATURES

- **Domestic Production Advantage:** Reliable quality with local manufacturing standards.
- **12th Gen Intel iCore Processor:** Delivers high processing performance.
- **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	: 12th Gen Intel iCore
PSU	: 12-24
RAM	: 4 / 8 / 16 / 32 / 64
HDD	: 64 / 128 / 256 / 512 / 1TB
WI-FI	: No WI-FI / WI-FI

System

CPU	: 12th Gen Intel iCore
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	: 17" (4:3)
Max. Resolution	: 1280x1024
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

