

# IPC-916 Ultra Plus

**artech**  
art of technology

## 15.6" Touch Screen Industrial Panel PC

Industrial Panel Computer



For detailed information  
please scan the QR code



**Artech Ultra Plus Series 15.6" Touch Industrial Panel PC** is a powerful solution designed to support the digital transformation of production environments with its wide display and capacitive touch technology. Powered by Intel N95/97 processors, it delivers high performance for demanding industrial applications, while offering a built-in 4/8 MP camera, integrated barcode / QR scanner, RFID reader, and flexible power input options to meet modern industrial requirements. IP65-protected USB ports and a stainless steel housing ensure reliable operation in harsh field conditions. The updated cooling design provides long-lasting and stable performance.

### KEY FEATURES

- **Domestic Manufacturing Advantage:** Reliable production with high-quality standards and sustainable supply assurance.
- **Intel N95/97 Processor:** Delivers high processing performance for demanding industrial applications.
- **(Optional) 4/8 MP Built-in Camera:** Integrated solution for video communication, quality control, and security applications.
- **(Optional) Built-in RFID Reader:** Enables fast data verification for personnel authorization, asset tracking, and production processes.
- **(Optional) Built-in Barcode / QR Scanner:** Optimizes workflows by ensuring fast and accurate data capture in manufacturing, logistics, and warehouse operations.
- **(Optional) IP65-Protected USB Port on the Front Panel:** Provides secure peripheral connectivity with a dust- and liquid-resistant protective cover.
- **Protective Rear Port Cover:** Protects connection ports against dust, liquids, and external factors, ensuring long-term and reliable operation.
- **Enhanced Cooling Design:** Optimized for long-term, stable operation.
- **Full HD Resolution:** Ideal for sharp and clear visuals.
- **Capacitive Multi-Flat Touch Technology:** Provides a smooth and responsive touch experience.
- **Removable and Replaceable Drive Bay:** Simplifies maintenance and data management.
- **0-60 °C Operating Range:** Stable performance across a wide temperature range.
- **IP65 Front Panel Protection:** Superior resistance against dust and water.
- **Stainless Steel Housing:** Ensures durability and extended product lifespan.
- **24/7 Operation Ready:** Designed for continuous industrial use.
- **Flexible Power Input Options:** Compatible with 12VDC or 24VDC systems.

## TECHNICAL SPECIFICATIONS

## Order Code

|                |                              |
|----------------|------------------------------|
| CPU            | : Intel N95/97               |
| PSU            | : 12-24                      |
| RAM            | : 4 / 8 / 16 / 32 / 64       |
| HDD            | : 64 / 128 / 256 / 512 / 1TB |
| WI-FI          | : No WI-FI / WI-FI           |
| RFID Reader    | : Optional                   |
| QR Code Reader | : Optional                   |
| Barcode Reader | : Optional                   |

## System

|                |                                     |
|----------------|-------------------------------------|
| CPU            | : Intel N95/97                      |
| 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       | : 5 (3 x USB 3.0 – one in the front, 2 x USB 2.0) – The front USB port is optional |
| 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                                                                        |
| Camera         | : 4/8 MP Built-in Camera                                                           |

## Feed

|                    |                           |
|--------------------|---------------------------|
| Input              | : 12 – 24 VDC             |
| <b>LCD Screen</b>  |                           |
| 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                       |
| <b>Mechanical &amp; Environmental Features</b> |                                                 |
| 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    |

## Data Storage

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

