# IPC-921

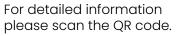
## INDUSTRIAL PANEL COMPUTER ULTRA SERIES



**Industrial Computer Solutions** 









The Artech Ultra Series 21.5" 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.

#### 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**

- 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	:	NoWiFi / WiFi
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
INPUT / OUTPUT		
Serial Port	:	3 x (RS232 / RS422 / RS485)
Paralel 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 /

FEED				
Input	:	12 - 24 VDC		
LCD SCREEN				
Type / Size	:	21.5" LVDS (16:9 Widescreen)		
Max. Resolution	:	1920 x 1080		
Pixel Pitch	:	0.297 (H) x 0.297 (W)		
Max. Color	:	16.7 M		
Brightness (cd/m2)	:	250 cd		
Contrast Ratio	:	1000/1		
Viewing Angle	:	160° (H), 160° (V)		
Back Light MTBF	:	50,000 Hours		
Touch Screen	:	21.5" Touch -		
		Projected Capacitive		
EXTRA VIDEO OUTPUT				
Туре	:	1 x HDMI, 1 x Display Port		
MECHANICAL & ENVIRONMENTAL FEATURES				
Operating Temp.	:	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		

