IPC-617

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INDUSTRIAL PANEL COMPUTER
ULTIMATE SERIES

For detailed information please scan the QR code.

Artech Ultimate Series 17" Touchscreen Industrial Panel PC is designed to adapt to the toughest conditions of production environments. These touchscreen industrial computers ensure high performance and durability in harsh industrial settings.

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

- **Price/Performance Advantage:** Offers high performance at an optimized cost.
- **Powerful Processor with Power Supply Filter:** Equipped with a fanless iCore next-generation processor, ensuring stable performance through its power supply filter.
- **4:3 Screen Ratio:** Ideal 4:3 screen ratio for a classic viewing experience.
- **Advanced Touch Technology:** Provides a user-friendly experience with resistive and capacitive flat touch technology options.
- **Flexible Expansion Slot:** The system can be customized with a multipurpose expansion slot.
- **Special Locked Hard Disk Slot:** Facilitates easy hard disk changes.
- **Robust Design:** Long-lasting use with a thin industrial dust-protected stainless steel body.

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	: i7 / i5 / i3
Feed	: 12 VDC / 24 VDC / 36 VDC
RAM	: 8 GB / 16 GB / 32 GB
HDD	: 64 GB / 128 GB / 256 GB / 512 GB
Wi-Fi	: Optional

SYSTEM

CPU	: Intel i7 / i5 / i3
Cache	: By CPU
Memory	: 8 GB / 16 GB / 32 GB
Video RAM	: Shared Memory
Chipset	: H110
Watchdog Timer	: 1 Sec. or 1 Min. Step
System Fan	: Fanless

INPUT/OUTPUT

Serial Port	: 2 x RS232 / 422 / 485
Parallel Port	: N.A.
USB Port	: 2 x USB 2.0, 2 x USB 3.0 by Pin Header 2 x USB 3.0 at I/O
LAN	: 2 x RJ-45 Gigabit
Wireless LAN	: Optional (802.11 b/g/n* 2.4Ghz/5.8Ghz)
Audio	: Mic-in, Line-out
Expansion Slot	: 1 x M.2 A Key / 1 x M.2 B Key

DATA STORAGE

HDD Type	: N.A.
HDD Storage	: 64 GB / 128 GB / 256 GB / 512 GB

FEED

Input	: 12 VDC / 24 VDC / 36 VDC

LCD SCREEN

Size / Type	: 17" TFT LCD
Max. Resolution	: 1280 x 1024 Pixel
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	: 17" Touch-Resistive / Capasitive

EXTRA VIDEO OUTPUT

Type	: HDMI / VGA
Max. Resolution	: HDMI-3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz VGA- 1920 x 1200 @60Hz

MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	: 0~60°C
Storage Humidity	: 5~95% (Non-Condensing)
Case	: Heavy-Duty Stainless Metal Case
Front Frame	: IP65 Aluminum
Weight	: 8,4 kg
Dimensions	: 409mm x 306mm x 109mm
Mounting	: Panel and Vesa