janztec
Industrial Computing Architects

emVIEW-P

New Industrial Panel PC Series

PRODUCT DESCRIPTION

The new industrial Panel PC series is based on a mITX motherboard which supports Intel® Core™ processors of the 12th, 13th and 14th generation. The use of state-of-the-art technologies ensures a long service life. By working with our closest partners, availability is improved and desired customizations can be realized in a short time. The design emphasizes the slim and modern look. An anti-reflective coating ensures greater operational reliability.

FEATURES

Processor
• 12th, 13th and 14th Generation of Intel® Core™ CPU Technology supported

Display
• 21.5", 23.8" or 31.5" TFT display [1]
• Technology: Color Active Matrix Liquid Crystal Display with LED-Backlight
• Aspect ratio: 16:9
• Pixel: 1920 x 1080, RGB
• Color: 16.78M colors 6bit
• Viewing Angle: H/V typ. 178°
• Luminance: typ. 250 cd/m²
• Contrast Ratio: typ. CR 1000
• MTBF of back light: 30.000h

Touchscreen
• Capacitive touchscreen (PCT)

Memory
• Up to 64 GB DDR5-5600 RAM

Storage
• Up to 512 GB M.2 PCIe SSD

Interfaces
• 2x 10/100/1000 Mbit/s Ethernet
• 1x USB 3.2 (Type-C), 1x USB 3.2 and 2 x USB 2.0 (Type-A)
• 1x DisplayPort, 1x HDMI
• Audio Line IN/OUT

Environment
• Ambient operating temperature 0 °C … 50 °C
• Non-operating temperature range -20 °C … 75 °C
• 5 % … 85 % r.H., non-condensing
• Integrated iTPM V2.0

[1]   Some features depend on the system type. Please see table SYSTEM DEPENDENT FEATURES for further information.

PRELIMINARY DATASHEET

Housing

- Standard 3mm thermally toughened glass 70 NFT
- Stainless steel front frame
- IP65 flush-mounted cover glass, IP42 rear housing ST sheet metal powder-coated
- Fanless cooling concept
- Mounting: VESA 100

Power Supply

- Input 19 ... 24 V_{DC}

Software

- Linux operating system
- Windows 11 IoT Enterprise
- Windows 10 IoT Enterprise
- CODESYS V3 runtime environment

Certifications

- CE (others on request)

Options

- Front I/O and/or USB
- RFID reader or 2D scanner
- Additional up to 2 x USB 3.2 & 3 x USB 2.0
- 1x RS232
- 1x 8-bit GPIO
- TPM-Chip
- IP54 rear housing
- Interface coverage for improved security
- Extension elements: Emergency stop, key switch and additional buttons via PROFINET/PROFIsafe
- Internal power supply unit (90 ... 264 V_{AC})
- Integrated speakers
- Brightness control for a power-saving mode
- All sizes also available as a monitor-only version
- Table stand
- Ergonomic Panel stand

SYSTEM DEPENDENT FEATURES

System Type	emVIEW-21/P	emVIEW-24/P	emVIEW-32/P
Display size	21.5"	23.8"	31.5"
Power consumption	35 W (typ.)	40 W (typ.)	50 W (typ.)
Dimensions in mm (w x h x d)	525 x 315 x 60	600.6 x 385 x 60	740 x 450 x 65

Customized Solutions Feel free to contact Janz Tec's sales team for special requirements and features:

Janz Tec AG Im Dörener Feld 8 33100 Paderborn Germany
P +49 5251 1550-0 **F** +49 5251 1550-190 mail@janztec.com

JANZTEC.COM

ERGONOMIC PANEL STAND

Ergonomic Panel stand
with emVIEW-24/P

Features of the Ergonomic Panel stand

- Storage surface with integrated keyboard drawer
- Universal scanner holder
- Height adjustment for ergonomic positioning
- Tilt adapter for ergonomic positioning
- Internal cable installation
- Mounting via four holes in the base plate
- Optional connection box for additional supply space
- Dimensions (WxDxH): 1135mm ... 1435mm x 125mm x 75mm
- Weight: 15kg

Rev. 2025/02

JANZTEC.COM