

emVIEW-P

New Industrial Panel PC Series



PRODUCT DESCRIPTION

The new industrial Panel PC series supports Intel® Core™ processors of the 12th and 13th 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

- 12/13th Generation of Intel® Core™ CPU

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. 450 cd/m²
- Contrast Ratio: typ. CR 1000
- MTBF of back light: 50.000h

Touchscreen

- Capacitive touchscreen (PCT)

Memory

- Up to 96 GB DDR5-5600 RAM

Storage

- Up to 2 TB M.2 PCIe SSD
- Up to 4 TB SATA SSD

Interfaces

- 2x 1 GbE LAN
- 1x USB 3.2 Gen 2 (Type-A), 1 USB 3.2 Gen 2 (Type-C)
- 2x USB 2.0
- 1x DisplayPort, 1x HDMI
- 1x 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
- TPM 2.0 Support

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

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 9 ... 36 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 4 x USB 2.0
- 2x RS232/422/485
- 4x DI & 4x DO
- 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

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