

Embedded Industrial Touch Panel PC

Product Specification Sheet | Flush-Mount / Embedded HMI Series

Product overview

An embedded industrial touch panel PC designed for machine HMI, automation control, equipment monitoring and industrial operator interfaces. The series combines a touch display, front bezel and industrial computer platform in a compact panel-mount form factor. Multiple screen sizes are available from 7 to 27 inches, with model-specific mechanical drawings and interface layouts.

Key features

- 7–27 inch size range
- Integrated capacitive touch panel on applicable models
- Embedded / flush-mount industrial enclosure
- Compact front-panel design for equipment integration
- Model-specific COM, USB, Wi-Fi and Phoenix terminal interfaces
- Customizable system configuration, display, touch and I/O options subject to project requirements

Available Sizes & Mechanical Specifications

Screen Size	Mechanical Size / Cutout Reference
7-inch	Drawing available; dimensional data shown in source drawing
10.1-inch	Drawing available; dimensional data shown in source drawing
11.6-inch	Drawing available; dimensional data shown in source drawing
12.1-inch	Drawing available; dimensional data shown in source drawing
13.3-inch	336.46 × 208.16 × 48.31 mm; cutout reference 326.2 × 197.9 mm
14-inch	Drawing available; dimensional data shown in source drawing
15-inch	358.44 × 286.47 × 51.3 mm; cutout reference 348.3 × 276.6 × 3 mm
15.6-inch	393.34 × 242.44 × 51.3 mm; cutout reference 386.8 × 235.9 × 3 mm
17-inch	383.5 × 315.6 × 52.8 mm; cutout reference 379.3 × 311.2 × 2.7 mm
18.5-inch	457 × 281.43 × 51.4 mm; cutout reference 451.74 × 275.77 × 3.0 mm
19-inch	429 × 356.5 × 51 mm; cutout reference 423.8 × 348.8 × 2.7 mm
19-inch Wide	Drawing available; dimensional data shown in source drawing
21.5-inch	533 × 320.3 × 52.7 mm; cutout reference 527.3 × 314.3 × 2.7 mm
23.6-inch	Drawing available; dimensional data shown in source drawing
23.8-inch	Drawing available; dimensional data shown in source drawing
27-inch	Drawing available; dimensional data shown in source drawing

Interface & Configuration Reference

Interfaces shown in the supplied mechanical drawings

- COM ports
- USB / COM-USB combination ports
- Wi-Fi antenna / Wi-Fi interfaces (2 ports shown on several models)
- Phoenix terminal blocks, including 2-pin, 3-pin and 10-pin configurations on applicable models
- Mainboard interface / internal board connectors
- Power switch opening on applicable models

Important: Interface quantity, CPU, RAM, storage, operating system, brightness, resolution, touch controller, communication protocols and connector pinout are configuration-dependent. Confirm the final electrical specification against the selected model and project BOM before order.

Packaging & Weight Data Available from Source Drawings

Model	Packaging / Weight
13.3-inch	655 × 445 × 116 mm; approx. 1.25 kg housing weight
15-inch	455 × 385 × 125 mm; approx. 1.85 kg housing weight
15.6-inch	488 × 336 × 125 mm; approx. 1.95 kg housing weight
17-inch	485 × 525 × 125 mm; approx. 2.0 kg housing weight
18.5-inch	558 × 337 × 125 mm; approx. 2.2 kg housing weight
19-inch	486 × 425 × 125 mm; approx. 2.45 kg housing weight
21.5-inch	615 × 430 × 125 mm; approx. 2.6 kg housing weight
23.8-inch	Drawing available; packaging dimensions not stated in extracted source text

Applications

Industrial automation equipment • Machine control panels • Factory automation • Production-line monitoring • HMI terminals • CNC / machine tools • Robotics and motion-control equipment • Smart manufacturing equipment • Building / energy control systems • Test and measurement equipment • Kiosks and specialized operator stations

Customization Options

Screen size and aspect ratio • Project-specific touch solution • Display resolution / brightness • Processor and memory • Storage • Operating system • I/O and communication interfaces • Wi-Fi / wireless options • Mounting / cutout dimensions • Front bezel and enclosure • Cable / connector arrangement • Logo and labeling • Project-specific firmware and software integration

Engineering Notes

All dimensions in this sheet are based on the supplied mechanical drawings. Dimensions marked as drawing-reference only should be verified from the final CAD/mechanical drawing. 'Cutout reference' dimensions indicate the opening reference shown in the source drawings and are not a substitute for the final installation tolerance. Electrical specifications are not fully defined in the supplied files and therefore are intentionally not assumed.

Recommended RFQ Information

For quotation and engineering confirmation, provide: required screen size • target resolution • touch technology • CPU / performance level • RAM and storage • operating system • required COM / USB / LAN / Wi-Fi / other I/O • power input • operating temperature • mounting cutout • quantity / annual volume • application and installation environment.

Source: supplied product mechanical drawings for the Embedded Industrial Touch Panel PC series. Final specifications should be confirmed on the project drawing and quotation.