

Resistive Touch Industrial Panel PC

Product Specification Sheet | Standard Industrial Panel PC Series

This specification sheet consolidates the dimensional and mechanical information contained in the supplied engineering drawings. The series uses a resistive touch screen and an aluminum front frame. Available rear-cover constructions include die-cast and sheet-metal versions for most sizes.

Display Size	Rear Cover / Version	Overall Dimensions (W×H×D, mm)	Recommended Cutout (W×H, mm)	Packaging Dimensions (mm)	Housing Weight (kg)
10.1	Large Mainboard	277 × 195.64 × 54	269.42 × 187.42	—	—
10.4	Die-cast Rear Cover	283 × 225.2 × 62	268 × 210.6	371 × 310 × 125	≈1.3
10.4	Sheet-metal Rear Cover	283 × 225.2 × 59.6	268 × 210.6	371 × 310 × 125	—
12.1	Die-cast Rear Cover	317 × 258 × 61	302.5 × 243	396 × 345 × 125	≈1.45
12.1	Sheet-metal Rear Cover	317 × 258 × 58.6	302.5 × 243	396 × 345 × 125	—
15.0	Die-cast Rear Cover	378 × 297 × 65	357.5 × 280	455 × 385 × 125	≈2.0
15.0	Sheet-metal Rear Cover	378 × 297 × 69	357.5 × 280	455 × 385 × 125	—
15.6	Die-cast Rear Cover	412 × 261 × 60	394 × 243	488 × 336 × 125	≈1.9
15.6	Sheet-metal Rear Cover	412 × 261 × 64	394 × 243	488 × 336 × 125	—
17.0	Die-cast Rear Cover	413 × 342 × 67	392 × 321	485 × 425 × 125	≈2.45
17.0	Sheet-metal Rear Cover	413 × 342 × 71	392 × 321	485 × 425 × 125	—
18.5	Die-cast Rear Cover	482 × 302 × 62	464 × 284	558 × 337 × 125	≈2.35
18.5	Sheet-metal Rear Cover	482 × 302 × 66	464 × 284	558 × 337 × 125	—
19.0	Die-cast Rear Cover	453 × 375.5 × 62	436.6 × 355	486 × 425 × 125	≈2.7
19.0	Sheet-metal Rear Cover	453 × 375.5 × 66	436.6 × 355	486 × 425 × 125	—
21.5	Die-cast Rear Cover	552 × 359 × 63	536.3 × 324.7	615 × 430 × 125	≈2.9
21.5	Sheet-metal Rear Cover	552 × 359 × 67	536.3 × 324.7	615 × 430 × 125	—

Interface / Mechanical Notes

- Engineering drawings show multiple COM/USB interface positions, mainboard ports, Phoenix terminal blocks, power/switch interfaces, and Wi-Fi antenna openings depending on the model.
- The 10.1-inch version is identified in the supplied drawing as a conventional industrial all-in-one panel PC with a large mainboard.
- Recommended cutout dimensions are reference dimensions from the supplied drawings. Final enclosure integration should be verified against the released mechanical drawing for the selected model.
- Where housing weight is not specified in the source drawing, it is intentionally shown as “—” rather than estimated.
- Display resolution, brightness, CPU, RAM, storage, operating system, touch controller interface, ingress protection and electrical specifications were not stated in the supplied drawings and should be confirmed for the exact configuration before quotation or production.

Typical Applications

Industrial automation • Machine control • HMI terminals • Factory equipment • Production-line monitoring • CNC and machine tools • Process control • Smart manufacturing • Industrial IoT gateways • Operator panels

Revision: Compiled from supplied engineering drawings dated November 2024. Dimensions are in millimeters unless otherwise stated.