PANEL PC for TCL

High-performance Industrial PC with touchscreen for eddy current testing

New dimension in eddy current testing

FOERSTER offers an optimal solution for your TCL testing system with the Panel PC – powerful, reliable, and perfectly tailored to the TCL testing software. For seamless integration into your automation environment, Digital I/O or Industrial Ethernet are available. Installation is easy and flexible thanks to the VESA standard (100 × 100). FOERSTER also offers optional accessories, including a mounting frame for a 19" cabinet, a pedestal for stable placement, or a support arm for flexible positioning within the mechanics. The TCL connects to the Panel PC via Ethernet and can be individually positioned, for example, directly at the sensor. Rely on high performance and perfect compatibility – with the FOERSTER Panel PC for your TCL testing system.

Highlights

- Space-Saving Design – Compact all-in-one solution for operation and visualization.
- Robust Construction – Resistant to dust, dirt, and vibrations.
- Easy Operation – Intuitive touchscreen control for quick and efficient handling.
- High Compatibility – Supports various interfaces (Digital I/O, Industrial Ethernet).
- Flexible Mounting – Installation via VESA standard.
- Reliable Performance – Optimized for industrial applications with durable hardware.

Technical data

Product features	Panel PC
Dimensions (H × W × D)	400,70 mm × 253,90 mm × 86,45 mm
LCD-Size	15,6" (diagonal screen size)
Max. Resolution	1920 × 1080 (16:9)
Brightness	450 cd/m²
Touchscreen	Multi-point, capacitive
CPU	Intel® Core™ i9/i7/i5/i3
Memory	8 GB DDR4 (max. 64 GB)
Storage	2.5" SATA (256 GB SSD)
Operating System	Win 10 Enterprise IoT LTSC 2021
PLC interfaces	Digital I/O, Industrial Ethernet, Remote
Interfaces	1 × HDMI 2.0 2 × LAN (2.5 GbE RJ45) 2 × USB 2.0 (Type-A) 2 × USB 3.2 Gen1 (Type-A) (5Gb/s) 2 × USB 3.2 Gen2 (Type-A) (10Gb/s) 1 × RS-232/422/485 4 × RS-232 1 × Power switch 1 × AT/ATX switch
Power supply	250 W power supply - Input: 100 V ~ 240 V AC, 47 Hz - 63 Hz - Output (max): 3.3 V @ 6 A, 5 V @ 12 A, 12 V @ 17 A, -12 V @ 0.5 A, +5 Vsb @ 2 A
Operating Temperature (with air flow)	-10°C – 60°C
Storage Temperature	-20°C – 60°C
Humidity	10% – 95% at 40°C, non-condensing
Protection Rating	IP65 compliant fron panel, Overall IP20
Safety and EMC	CE, FCC Class A, UKCA
Energy Efficency	ErP 2009/125/EG
Weight	approx. 5,8 kg

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