Press release

#ew24: Hall 3, booth 255

POLYRACK TECH-GROUP realizes even complex requirements for enclosure and system solutions

Straubenhardt, February 21st 2024 – From April 9th to 11th, 2024, the POLYRACK TECH-GROUP will be presenting various practical examples of enclosure and system solutions in Hall 3, booth 255. The product applications will show visitors of the embedded world 2024 how companies can benefit from POLYRACK's consulting and implementation expertise as a partner and expert for complex processes and state-of-the-art technologies.

The extensive service portfolio includes for example

- Development-related preparation for CE and UL approval for electromechanical assemblies and system solutions
- Processing of all thermoplastically moldable plastics (0.5 - 6,000 grams), with and without fillers/reinforcement, such as
  - Standard plastics (e.g. PP, PMMA, ABS, PS)
  - Engineering plastics (e.g. PC, PA, POM, PBT)
  - High-performance plastics (e.g. PVDF, PPS, PEEK, LCP)
- Pre-development, e.g. simulation-supported component analysis via filling and warpage analysis

The following product ranges will also be available on site for an initial hands-on:

FrameTEC: The elegant industrial desktop case for 19" racks with high flexibility in design and dimensions combines aesthetic shaping and construction in an honest, intuitive design. The large number of configuration options and exchangeable components make the case the ideal rack in application areas with high quality demands.

FrameTEC

PanelPC 2

EmbedTEC SFF

PanelPC 2: The case series was particularly developed for PanelPC and/or display and control systems that are typically used in industrial environments (-20°C to +70°C). The display frame made of massive aluminum can be adapted for screen diagonals from 10.1" to 21.5" and different kinds of cover glasses. The case is primarily designed for the usage of PCAP touches.

EmbedTEC SFF: The visually attractive aluminum desktop case is the elegant packaging solution for embedded boards with form factors like embedded NUC (eNuc) - pico-ITX (pITX, 2.5") - SMARC - QSeven - SBC's (e.g. "Raspberry Pi "*). In addition to being used as a desktop case the youngest member of the EmbedTEC family can also be wall-mounted via an adapter or VESA mount, as well as in various orientations on the DIN rail.

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About POLYRACK TECH-GROUP (www.polyrack.com)

The POLYRACK TECH-GROUP develops and manufactures high quality system solutions for electronics. Thanks to a broad range of technologies in the mechanical manufacturing, systems engineering / electronics, plastics and surface finishing, POLYRACK offers electronic packaging for every need. The service offering extends from consulting in the conception phase, development, manufacturing and assembly right through to logistic solutions and sourcing services.
The group of companies comprises POLYRACK Electronic-Aufbausysteme GmbH, RAPP Kunststofftechnik GmbH, POLYRACK Aerospace GmbH, Metalle in Form Geräteteile GmbH as well as subsidiaries in America, Belgium, China and Switzerland. The owner-managed company has around 500 employees worldwide and achieved a turnover of 94,2 million euros in the group in fiscal year 2023.

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