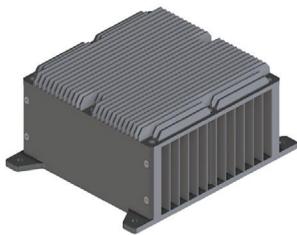


Description

Our Type 53 platform follows in the tradition of Elma's line of electronic enclosures with this rugged extruded aluminum small form factor box for PCI/104 board stacks. The Type 53 is ideal for use in harsh environments for payloads supporting PC platforms, networking infrastructure or I/O specific multi-functional computers. Our experienced team can work with you to tailor thermal solutions for your payload.

Features

- Small light weight construction for SWaP constrained applications
- Extensible design for up to three PCI/104 boards
- Custom front panels to suit your specific I/O sets
- Optional IP67 for extended ingress protection
- Custom colors for your intended purpose
- Superior cooling performance
- Contact Elma regarding COM Express based board payloads



Model 53-001-0X



Model 53-002-0X



Model 53-003-0X

Applications and Related Products

The Type 53 box provides solid thermal and extended shock and vibration protection to these critical application areas.

- Drilling and mining operations
- Commercial air and ground transport infrastructure
- Energy distribution
- Mobile ground, ship and air defense equipment
- Homeland security and emergency services

Note: No investment in tooling is required as each case is assembled using standard parts.

Customization Services

- Front & rear panel cutouts & perforation patterns
- Special studs, standoffs, spacers
- Custom colors

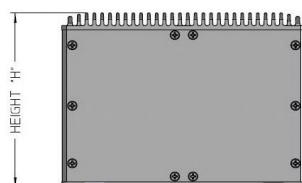
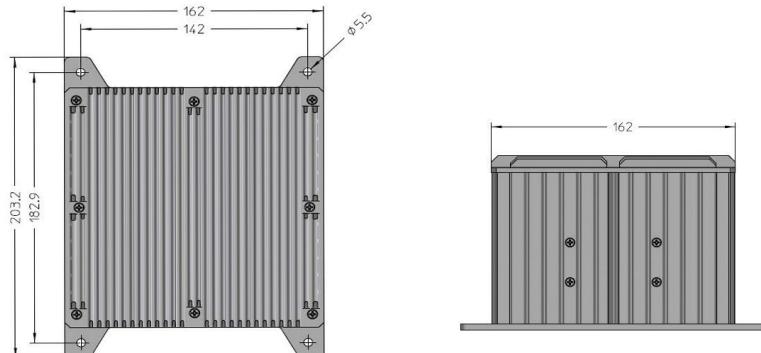


- SureLock card edge retainers for solid mechanical card retention and conduction cooling
- Small form factor power supplies with Mil 704, 461 and 1275 options
- Fully integrated system capability - we can assist with the entire project
- Complete line of lite industrial enclosures

Type 53 Chassis Family

Small Form Factor Board Chassis

Line Drawing



Type 53 Chassis Family	
Part Number	Height "H"
53-001-00	65.7
53-002-00	120.7
53-003-00	135.9

Order Information

IPC Box, Kit Set, Including Hardware	
Part Number	Description
53-001-00	IPC box, 1 slot, 65.7 x 162 x 182.9mm, no finish
53-002-00	IPC box, 2 slots, 120.7 x 162 x 182.9mm, no finish
53-003-00	IPC box, 3 slots, 135.9 x 162 x 182.9mm, no finish

IPC Box, Kit Set, Including Hardware	
Part Number	Description
53-001-00-IP67	IPC box, 1 slot, 65.7 x 162 x 182.9mm, no finish, IP67
53-002-00-IP67	IPC box, 2 slots, 120.7 x 162 x 182.9mm, no finish, IP67
53-003-00-IP67	IPC box, 3 slots, 135.9 x 162 x 182.9mm, no finish, IP67

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