SMARTCASE™ S730
Chassis Kit Solution
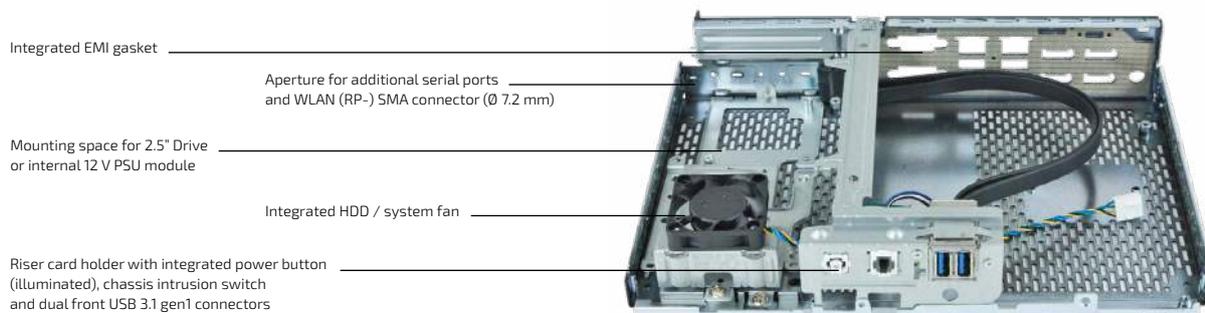
Mini-ITX Motherboard
D3713-V/R, D3723-R, K3931-N

FOR

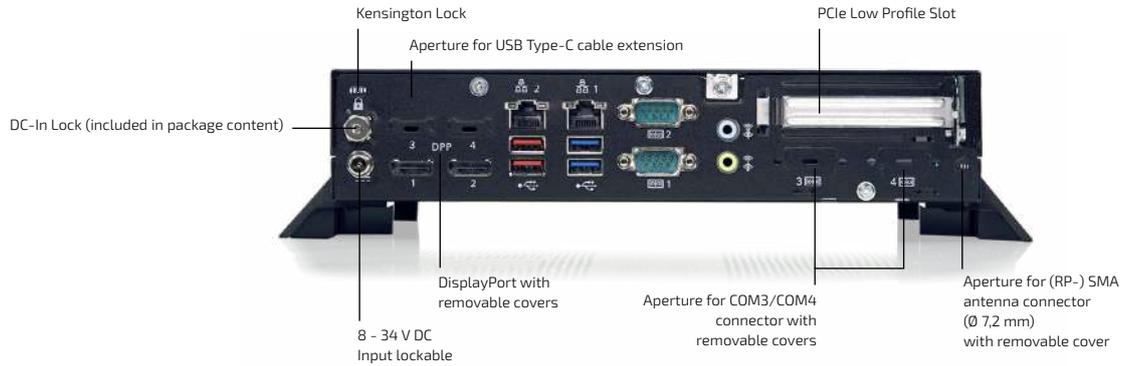# Industrial chassis for enhanced operating temperature range

❯ Compact Design (250 x 52 x 191 mm)

❯ Dual Front USB 3.2 Gen1 Connectors

❯ Low Profile Extension Slot

❯ Option for Internal 65W PSU Module

❯ Horizontal and Vertical Stand plus Wall Mount Bracket

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CHASSIS DATA	DIMENSIONS COLOUR WEIGHT	250 x 52 x 191 mm (W x H x D) black ~ 1 kg
SUPPORTED MOTHERBOARDS		D3713-R D3713-V D3723-R K3931-N
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE HUMIDITY	Passive heatsink (fanless; D3713-V/R or D3723-R): -10 °C ... +35 °C (max. 15 W TDP, vertical/horizontal position) *) -10 °C ... +40 °C (max. 12 W TDP, vertical position only) *) Passive heatsink (fanless; K3931-N): -10 °C ... +40 °C (max. 15 W TDP, horizontal position) *) -10 °C ... +45 °C (max. 15 W TDP, vertical position) *) Active heatsink (with Fan): -10 °C ... +45 °C (max. 35 W TDP, vertical/horizontal position) *) 5 % - 85 % relative humidity (non-condensing)
CHASSIS FAN SPECIFICATION	MTBF OPERATING TEMPERATURE	70.000 hours @ 40 °C -10 °C – 70 °C PWM (4 pin), 40 x 40 x 10 mm 900 - 5.000 rpm (nominal) Two ball bearing
REQUIREMENTS FOR AC ADAPTER	DC OUTPUT DC OUTPUT PLUG	8 V-34 V (5 A max./65 W max.) Ø 2.5 mm/5.5 mm Important Note: Compliance with IEC 62368-1 according clause 6.2.2. to power source category PS2 ("Limited Power Source") required!
APPROVALS & CERTIFICATIONS	EMC SAFETY	CE Class B, Industrial Immunity (EN 61000-6-2), FCC-B/ICES-003 verified Safety Testreport according IEC62368-1
PACKAGE CONTENT		Chassis bottom/top incl. front bezel; I/O with integrated EMI gasket Dual front USB 3.2 Gen1 connector HDD carrier incl. 4 pin PWM fan Riser card holder incl. power button/power LED and intrusion switch HDD SATA cable and power cable for one drive Wall mount metal brackets Motherboard mounting Screws Chassis desk stand (horizontal/vertical, removable)
CHASSIS FEATURES	THEFT PROTECTION MOUNTING OPTIONS	Kensington lock support Mechanical lock for DC-In connector Intrusion Support WLAN antenna via (RP-) SMA connector PCIe riser (PCIe x4, low profile) Two rear COM ports (COM3, COM4) 2.5" Drive (HDD/SSD) Rear USB 3.2 Gen2 Type-C extension (K3931-N only)

*) Chassis ambient temperatur

Integrated EMI gasket

Aperture for additional serial ports
and WLAN (RP-) SMA connector (Ø 7.2 mm)

Mounting space for 2.5" Drive
or internal 12 V PSU module

Integrated HDD / system fan

Riser card holder with integrated power button
(illuminated), chassis intrusion switch
and dual front USB 3.1 gen1 connectors

Chassis prepared for optional features

Kensington Lock

Aperture for USB Type-C cable extension

PCIe Low Profile Slot

DC-In Lock (included in package content)

DisplayPort with removable covers

8 - 34 V DC Input lockable

Aperture for COM3/COM4 connector with removable covers

Aperture for (RP-) SMA antenna connector (Ø 7,2 mm) with removable cover

Ordering Information

ARTICLE	PART NO.	DESCRIPTION
CHASSIS KIT SOLUTION	F5000-J012*	10 pcs

Accessories

FANLESS HEATSINK KIT	S26361-F5000-C019	Passive Heatsink, max. 15 W TDP (for D3713-V/R or D3723-R only; backplate included)
SLIM ACTIVE HEATSINK KIT	S26361-F5000-C021	Active Heatsink, max. 35 W TDP (for D3713-V/R or D3723-R only; backplate included)
SLIM ACTIVE HEATSINK + BACKPLATE	F5000-C026	max. 15W TDP (for K3931-N only)
FANLESS HEATSINK + BACKPLATE	F5000-C025	max. 15W TDP (for K3931-N only)
RISERCARD	S26361-F5000-R006	D3318-A
INTERNAL PSU MODULE	S26361-F5000-P004	12 V Internal PSU
EXTERNAL AC ADAPTER 65W@19V	S26361-F5000-P006	AC Adapter, 19 V/3.42 A, 65 W
SERIAL PORT CABLE	S26361-F5000-K010	Length = 400 mm, fullsize slot bracket
MINI PCIe TO M.2 ADAPTER	S26361-F5000-M003	Adapter for Mini PCIe to M.2 Wi-Fi modules (for D3713-V/R or D3723-R only)
TPM MODULE	S26361-F5000-R012	Infineon SLB9670, TPM V2.0 (for D3713-V/R or D3723-R only; TCG compliant)
REAR USB TYPE-C EXTENSION	F5000-K013	USB 3.2 Gen2 adapter cable for internal USB Key-A socket (for K3931-N only)

* SMARTCASE S730 (F5000-J012) replaces SMARTCASE S711 (F5000-J008), and provides additional support for K3931-N (AlderLake-N series)

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