

SMARTCASE™ S700

Chassis Kit Solution



Mini-ITX Motherboard
D3543-Sx

FOR



Industrial chassis for enhanced operating temperature range

- ▶ Compact Design (250 x 52 x 191 mm)
- ▶ Dual Front USB 3.1 Connectors
- ▶ Low Profile Extension Slot
- ▶ Option for Internal 65W PSU Module
- ▶ Horizontal and Vertical Stand plus Wall Mount Bracket

POSSIBILITIES START HERE

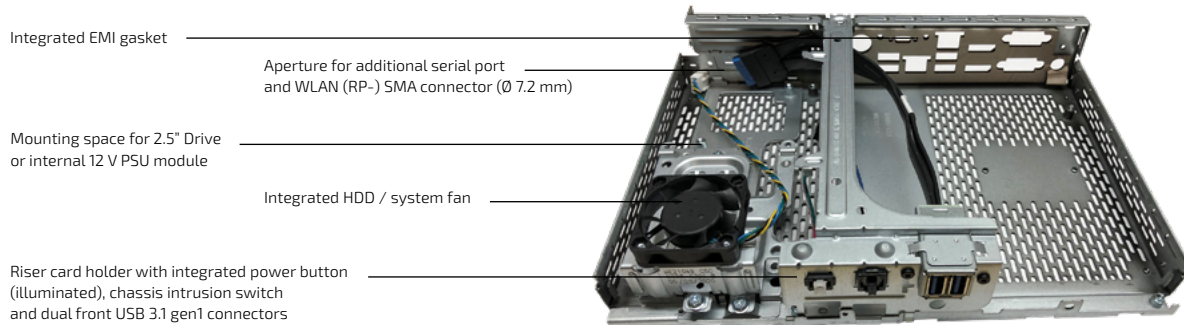


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TECHNICAL INFORMATION

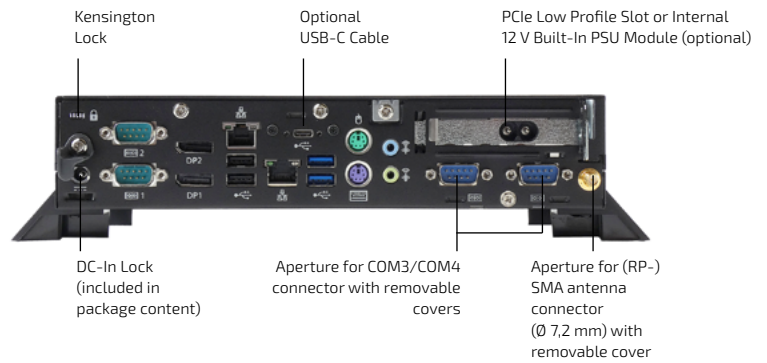
CHASSIS DATA	DIMENSIONS COLOUR WEIGHT	250 x 52 x 191 mm (W x H x D) black ~ 1 kg
SUPPORTED MOTHERBOARDS		D3543-S1 D3543-S2 D3543-S3
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE HUMIDITY	Passive heatsink (fanless): 0 °C – 35 °C* Active heatsink (with Fan): 0 °C – 50 °C* 5 % – 85 % relative humidity (non-condensing)
CHASSIS FAN SPECIFICATION	MTBF OPERATING TEMPERATURE	70.000 hours @ 40 °C -10 °C – 70 °C PWM (4 pin), 40 x 40 x 10mm 1750 – 5.500 rpm (nominal) Two ball bearing
REQUIREMENTS FOR AC ADAPTER	DC OUTPUT DC OUTPUT PLUG	8 V-36 V (5 A max./65 W max.) Ø 2.5 mm/5.5 mm, Contact length ~ 10-11 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	CE Class B, Industrial Immunity (EN 61000-6-2), FCC Class B (verified)
PACKAGE CONTENT		Chassis bottom/top incl. front bezel; I/O with integrated EMI gasket 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); one port incl. RS-232, RS-422, RS-485 Rear USB Type-C connector (USB 3.1 Gen1) 2.5" Drive (HDD/SSD)

*Chassis ambient temperature



CHASSIS REAR VIEW

- Chassis prepared for optional features



ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CHASSIS KIT SOLUTION	F5000-J005	10 pcs
ACCESSORIES		
FANLESS HEATSINK KIT	F5000-C010	Passive Heatsink for Industrial Motherboard (backplate included)
ACTIVE HEATSINK KIT	F5000-C009	Active Heatsink for Industrial Motherboard (backplate included)
RISERCARD	F5000-R006	D3318-A
INTERNAL PSU MODULE	F5000-P004	12V Internal PSU E598-V50 65W includes: Internal PSU module E598-V50 Internal DC cable for D3543-Sx Rubber Plug (DC-in cover for D3543-Sx) Note: Mains power cable is NOT included!
EXTERNAL AC ADAPTER 65W@19V	F5000-P006	AC Adapter, 19 V/3.42 A, 65 W
USB TYPE C CABLE	F5000-K008	USB 3.1 gen1, length = 140mm; max load 5 V/800 mA
SERIAL PORT CABLE	F5000-K010	Length = 400 mm, fullsize slot bracket

GLOBAL HEADQUARTERS

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