

# SMARTCASE™ S720

## Chassis Kit Solution

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Mini-ITX Industrial Motherboard  
D343x-S, D363x-S



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

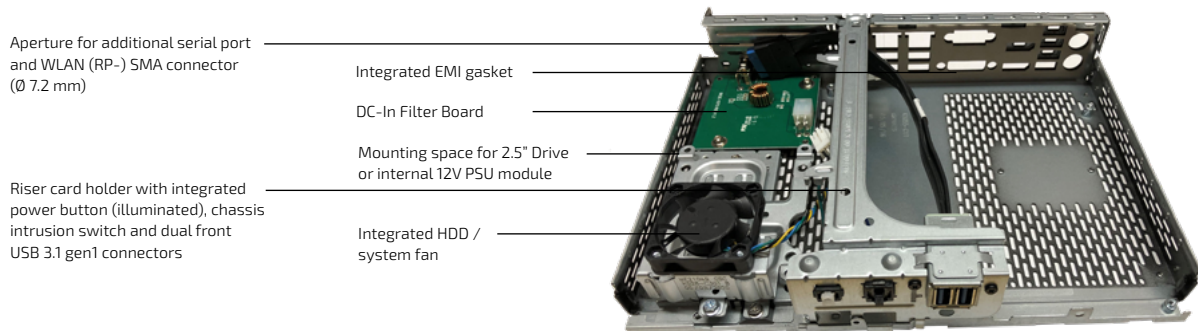


**kontron**  
S&T Group

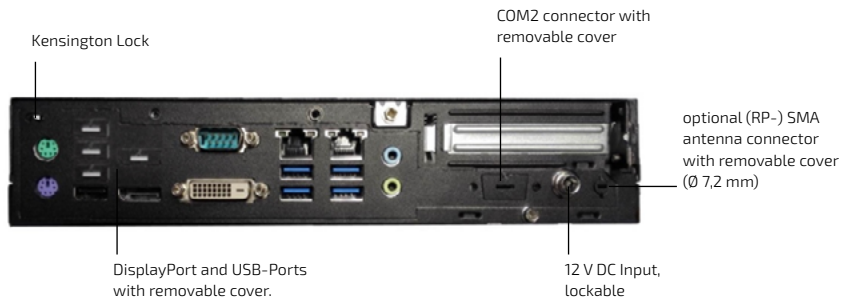
## TECHNICAL INFORMATION

<b>CHASSIS DATA</b>	<b>DIMENSIONS</b> <b>COLOUR</b> <b>WEIGHT</b>	250 x 52 x 191 mm (W x H x D) black ~ 1 kg
<b>SUPPORTED MOTHERBOARDS</b>		D3433-S D3434-S D3633-S D3634-S  Processors up to 35W TDP
<b>ENVIRONMENTAL CONDITIONS</b>	<b>OPERATING TEMPERATURE</b> <b>HUMIDITY</b>	0 °C – 45 °C* 5 % - 85 % relative humidity (non-condensing)
<b>CHASSIS FAN SPECIFICATION</b>	<b>MTBF</b> <b>OPERATING TEMPERATURE</b>	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
<b>RECOMMENDED COOLING SOLUTIONS</b>	<b>Kontron</b> <b>EKL</b> <b>HSM Zamecki</b> <b>SilverStone</b>	F5000-C011 21910021016 HSM# 104101 SST-NT07-115X
<b>REQUIREMENTS FOR AC ADAPTER</b>	<b>DC OUTPUT</b> <b>DC OUTPUT PLUG</b> <b>OPTIONAL</b>	12 V +/-5 % 5,5 x 2,5 x 12 mm Lockable DC Output Plug (optional)  Important Note: Compliance with IEC 62368-1 according clause 6.2.2. to power source category PS2 ("Limited Power Source") required!
<b>LOCKABLE DC INPUT JACK</b>	<b>MODEL ONBOARD DC INPUT POWER</b>	Switchcraft L712RA or compatible 12 V +/-5 % max. 60 W
<b>APPROVALS &amp; CERTIFICATIONS</b>	<b>EMC</b>	CE Class B, Industrial Immunity (EN 61000-6-2), FCC Class B (verified)
<b>PACKAGE CONTENT</b>		Chassis bottom/top incl. front bezel; I/O with integrated EMI gasket DC input connector with EMC filter and internal cabling HDD carrier incl. 4 pin PWM fan Riser card holder incl. power button / power LED and intrusion switch HDD SATA cable for one drive SATA power cable Wall mount metal brackets Motherboard mounting screws Chassis desk stand (horizontal/vertical, removable)
<b>CHASSIS FEATURES</b>	<b>THEFT PROTECTION</b>  <b>MOUNTING OPTIONS</b>	Kensington lock support Mechanical lock for DC-In connector Intrusion Support 2.5" Drive WLAN antenna via (RP-)SMA connector PCIe riser (PCIe x4, low profile) Additional serial port

\*Chassis ambient temperature



## ▶ CHASSIS REAR VIEW



## ▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CHASSIS KIT SOLUTION	F5000-J003	10 pcs
<b>ACCESSORIES</b>		
ADDITIONAL SERIAL PORT CABLE	F5000-K005	for D343x-S
ADDITIONAL SERIAL PORT CABLE	F5000-K010	for D363x-S
PCIe RISER CARD D3318	F5000-R006	4 PCIe Lanes
MINI-PCIe TO M.2 ADAPTER	F5000-M003	For M.2 WLAN (2230, Key-E)
INTERNAL PSU MODULE	F5000-P004	12V Internal PSU E598-V50 65 W includes: Internal PSU module E598-V50 Internal DC cable for D343x/D363x Rubber Plug (DC in cover for D343x/D363x)  Note: Mains power cable is NOT included!
RECOMMENDED AC ADAPTER FSP GROUP INC.	FSP060-DIBAN2	12 V/60 W
RECOMMENDED AC ADAPTER BICKER	BET-0612M	12 V/60 W (medical)
RECOMMENDED AC ADAPTER BICKER	BET-0612-B5	12 V/60 W (industrial)
SLIM HEATSINK	F5000-C011	Active cooler, 35 W TDP

## ▶ GLOBAL HEADQUARTERS

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