

SMARTCASE™ S720

Chassis Kit Solution



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



FOR



Industrial chassis for enhanced operating temperature range

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

POSSIBILITIES START HERE

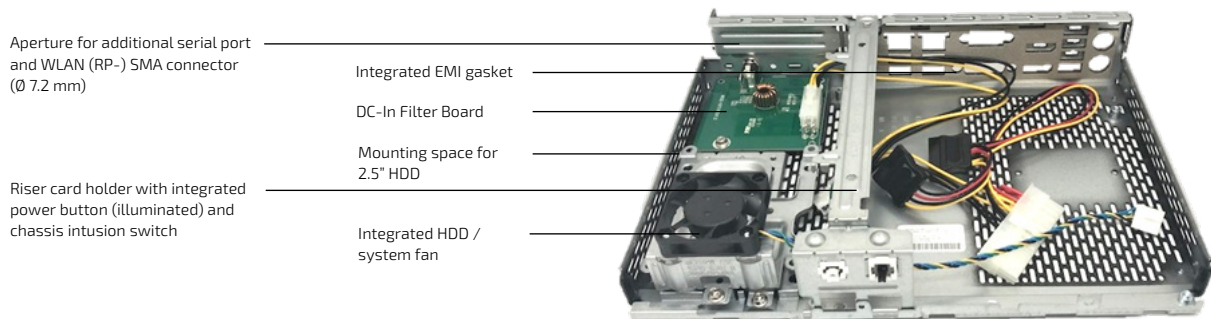


kontron
S&T Group

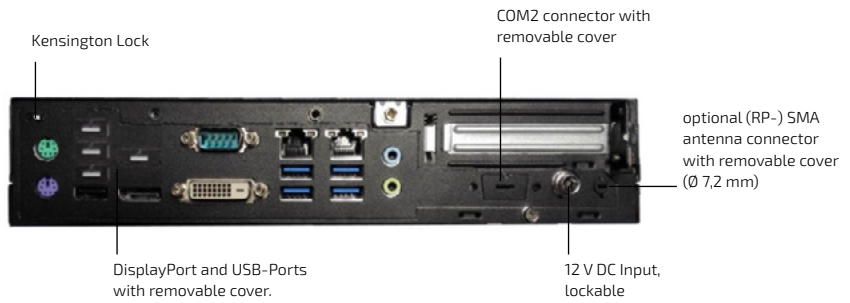
► TECHNICAL INFORMATION

CHASSIS DATA	DIMENSIONS COLOUR WEIGHT	250 x 52 x 191 mm (W x H x D) black ~ 1 kg
SUPPORTED MOTHERBOARDS		D3433-S D3434-S D3633-S D3634-S Processors up to 35W TDP
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE HUMIDITY	0 °C – 45 °C* 5 % - 85 % relative humidity (non-condensing)
HDD 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
RECOMMENDED COOLING SOLUTIONS	Kontron EKL HSM Zamecki SilverStone	F5000-C11 21910021016 HSM# 104101 SST-NT07-115X
REQUIREMENTS FOR AC ADAPTER	DC OUTPUT DC OUTPUT PLUG OPTIONAL	12 V +/-5 % 5,5 x 2,5 x 12 mm Lockable DC Output Plug (optional) Important Note: Compliance with IEC 60950-1 section 2.5 "Limited Power Source" required!
LOCKABLE DC INPUT JACK	MODEL ONBOARD DC INPUT POWER	Switchcraft L712RA or compatible 12 V +/-5 % max. 60 W
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 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 Wall mount metal brackets Motherboard mounting screws SATA data cable and power cable Chassis desk stand (horizontal/vertical, removable)
CHASSIS FEATURES	THEFT PROTECTION MOUNTING OPTIONS	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-J3	10 pcs
ACCESSORIES		
ADDITIONAL SERIAL PORT CABLE	F5000-K5	for D343x-S
ADDITIONAL SERIAL PORT CABLE	F5000-K10	for D363x-S
PCIe RISER CARD D3318	F5000-R6	4 PCIe Lanes
MINI-PCIe TO M.2 ADAPTER	F5000-M3	For M.2 WLAN (2230, Key-E)
INTERNAL PSU MODULE	F5000-P4	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 +/-5 %*
RECOMMENDED AC ADAPTER BICKER	BET-0612M	5,5 x 2,5 x 12 mm*
RECOMMENDED AC ADAPTER BICKER	BET-0612-B5	Lockable DC Output Plug*

*Compliance with IEC 60950-1 section 2.5 "Limited Power Source" required

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