

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)
- ▶ 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

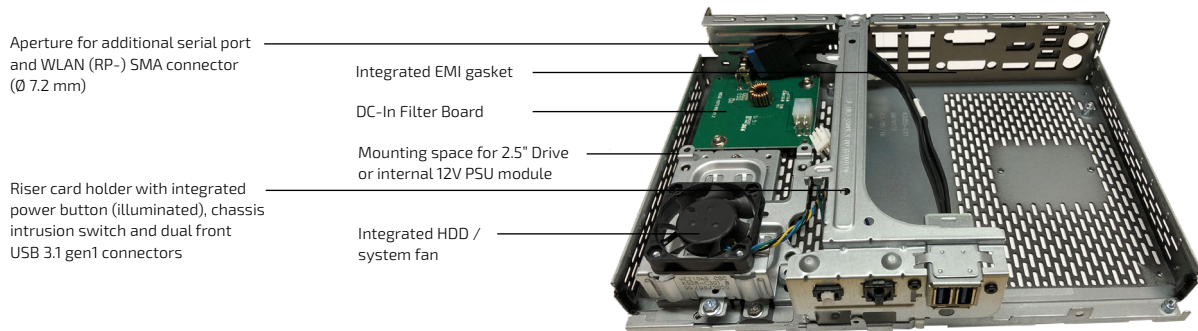


kontron
S&T Group

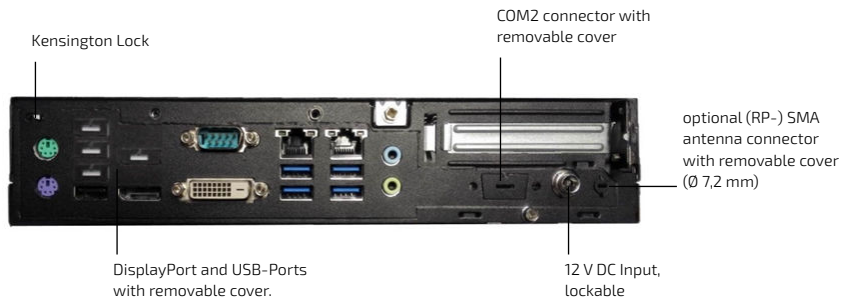
TECHNICAL INFORMATION

| | | |
|---------------------------------------|--|--|
| 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) |
| 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)/ 900 – 5.000 rpm (nominal, from chassis revision 03) Two ball bearing |
| RECOMMENDED COOLING SOLUTIONS | Kontron EKL HSM Zamecki SilverStone | F5000-C011 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 62368-1 according clause 6.2.2. to power source category PS2 ("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 SATA power cable 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 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 |
| ACCESSORIES | | |
| 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 | 12 V Internal PSU |
| 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

Kontron Europe GmbH

Gutenbergstraße 2
 85737 Ismaning, Germany
 Tel.: +49 821 4086-0
 Fax: +49 821 4086-111
 info@kontron.com

www.kontron.com