SMARTCASE™ S500
Chassis Kit Solution

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Mini-STX Motherboard
D3544-Sx

FOR

Industrial chassis for enhanced operating temperature range

▶ Ultra-Compact Design
▶ 36 x 147 x 165 mm
▶ Front and Rear USB
▶ Horizontal or Vertical Operation
▶ VESA- and Wall Mount Option

POSSIBILITIES START HERE

kontron
S&T Group

▶ TECHNICAL INFORMATION

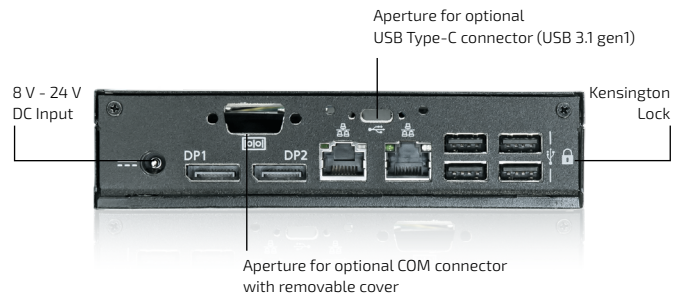| CHASSIS DATA	DIMENSIONS COLOUR WEIGHT	36 x 147 x 165 mm (W x H x D) black ~ 0.4 kg
SUPPORTED MOTHERBOARDS		D3544-S1 D3544-S2 D3544-S3
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE HUMIDITY	Passive heatsink (fanless): 0 °C - 40 °C* Active heatsink (with Fan): 0 °C - 50 °C* 5 % - 85 % relative humidity (non-condensing)
APPROVALS & CERTIFICATIONS	EMC	CE Class B, Industrial Immunity (EN 61000-6-2), FCC Class B (verified)
PACKAGE CONTENT		Chassis desk stand (horizontal/vertical, removable) Chassis bottom/top incl. front bezel; Rear I/O with integrated EMI gasket
CHASSIS FEATURES	THEFT PROTECTION MOUNTING OPTIONS	Kensington lock support Internal WLAN antenna kit Rear COM port (incl. RS-232, RS-422, RS-485) Rear USB Type-C connector (USB 3.1 gen1) Wall Mount Kit, VESA Kit, DC-In Holder
REQUIREMENTS FOR AC ADAPTER	SAFETY	Compliance with IEC 62368-1 according clause 6.2.2. to power source category PS2 ("Limited Power Source") required!

*Chassis ambient temperature

▶ SAMPLE CHASSIS CONFIGURATION

- ▶ Motherboard D3544-S
- ▶ Heatsink with fan
- ▶ M.2 2280 SSD
- ▶ M.2 2230 WLAN/Bluetooth (antenna not installed)
- ▶ SO-DIMM DDR4-2400

▶ CHASSIS REAR VIEW

- ▶ Chassis prepared for optional features

Aperture for optional
USB Type-C connector (USB 3.1 gen1)

8 V - 24 V
DC Input

Kensington
Lock

DP1   DP2

Aperture for optional COM connector
with removable cover

▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CHASSIS KIT SOLUTION	F5000-J004	10 pcs
ACCESSORIES		
FANLESS HEATSINK KIT	F5000-C010	Passive Heatsink for Industrial Motherboard (backplane included)
ACTIVE HEATSINK KIT	F5000-C009	Active Heatsink for Industrial Motherboard (backplane included)
WALLMOUNT BRACKET	F5000-X001	2x Brackets per chassis incl. screws
VESA KIT	F5000-X002	VESA adapter incl. mounting screws
DC IN HOLDER	F5000-X003	Holder incl. screws
INTERNAL WLAN ANTENNA KIT	F5000-W005	WLAN antenna kit; left (grey)/right (black) antennas incl. cable. M.2 WLAN module not included!
SERIAL PORT CABLE	F5000-K007	w/o slot bracket, length = 120mm, new 2mm pitch internal connector
USB TYPE C CABLE MINI-STX	F5000-K008	USB 3.1 gen1, length = 1400mm; max. load 5V/800mA
EXTERNAL AC ADAPTER	F5000-P006	AC Adapter, 19 V/3.4 A, 65 W

▶ 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