SMARTCASE™ S511
Chassis Kit Solution

▼

Mini-STX Motherboards
D3714-R

FOR

Industrial chassis for enhanced operating temperature range

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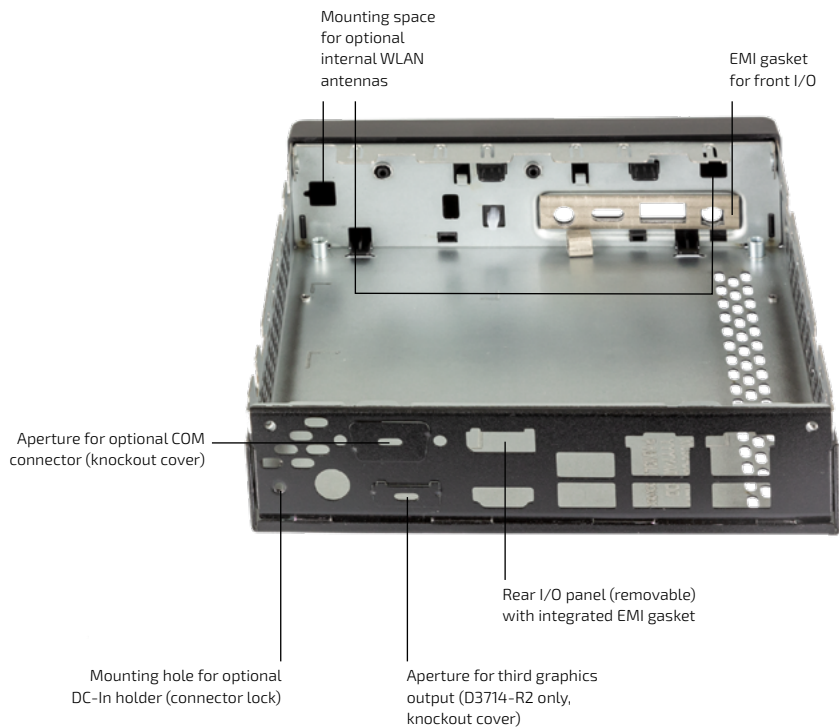
POSSIBILITIES START HERE

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
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE* HUMIDITY	-10 °C ... +35 °C (max. 8 W/10 W TDP, horizontal position) ** -10 °C ... +40 °C (max. 6 W TDP = D3714-R1, horizontal position) -10 °C ... +40 °C (max. 10 W TDP, vertical position only) *** 5 % - 85 % relative humidity (non-condensing)
APPROVALS & CERTIFICATIONS	EMC	Planned: CE Class B, Industrial Immunity (EN 61000-6-2), FCC Class B verified
PACKAGE CONTENT		Chassis desk stand (vertical mode, removable) Rubber feet (horizontal mode, removable) Chassis bottom/top incl. front bezel; Rear I/O with integrated EMI gasket
CHASSIS FEATURES	THEFT PROTECTION MOUNTING OPTIONS	Kensington lock support Integrated WLAN antennas Wall Mount VESA Kit DC-in holder Cooling solution Rear COM port (incl. RS-232, RS-422, RS-485)

*   Chassis ambient temperature; upper limit depends on system configuration
**   Limited cooling performance in horizontal operating mode; possible system performance reduction. TDP setting ≤ 8W recommended
*** Vertical operating position recommended for most favorable cooling & system performance

Mounting space for optional internal WLAN antennas

EMI gasket for front I/O

Aperture for optional COM connector (knockout cover)

Rear I/O panel (removable) with integrated EMI gasket

Mounting hole for optional DC-In holder (connector lock)

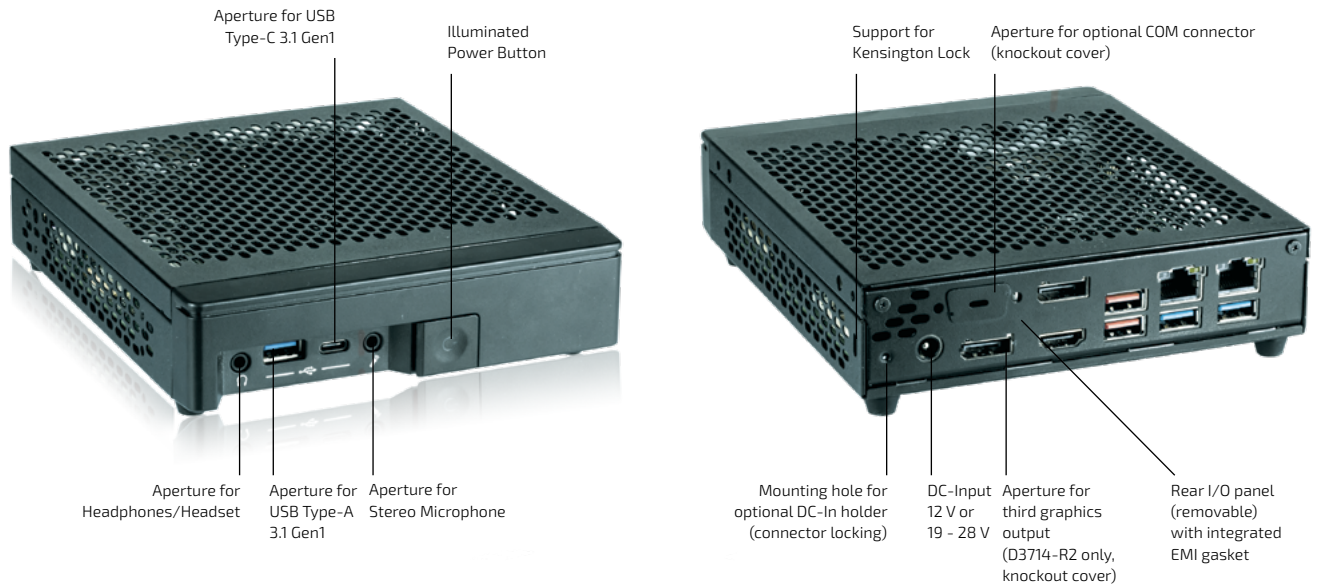Aperture for third graphics output (D3714-R2 only, knockout cover)

► HEATSINK (OPTIONAL)

► Specific passive heatsink designed for SMARTCASE S511
► Max. 10 W TDP
► Weight ~ 200 g

► CHASSIS FRONT/REAR VIEW (HORIZONTAL POSITION)

► Motherboard D3714-R installed

Aperture for USB Type-C 3.1 Gen1

Illuminated Power Button

Support for Kensington Lock

Aperture for optional COM connector (knockout cover)

Aperture for Headphones/Headset

Aperture for USB Type-A 3.1 Gen1

Aperture for Stereo Microphone

Mounting hole for optional DC-In holder (connector locking)

DC-Input 12 V or 19 - 28 V

Aperture for third graphics output (D3714-R2 only, knockout cover)

Rear I/O panel (removable) with integrated EMI gasket

► ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
SMARTCASE™ S511	F5000-J011	10x chassis kit
ACCESSORIES		
VESA MOUNTING KIT	F5000-X002	VESA adapter incl. mounting screws
AC ADAPTER 19V / 65W	F5000-P006	AC Adapter, 19 V/3.4 A, 65 W
INTERNAL WLAN KIT	F5000-W002	M.2 2230 WLAN module Intel 9260 NON VPRO, left (grey) / right (black) Antenna (incl. cable)
WALLMOUNT BRACKETS	F5000-X001	2x Brackets per chassis incl. screws
DC-IN HOLDER	F5000-X003	Holder incl. screws
HEATSINK	F5000-C022	Specific passive heatsink (max. 10 W TDP) for SMARTCASE S511
SERIAL PORT CABLE	F5000-K007	w/o slot bracket, length = 120 mm, 2 mm pitch internal connector

► GLOBAL HEADQUARTERS

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