SMARTCASE™ S501
Chassis Kit Solution

Mini-STX Motherboard
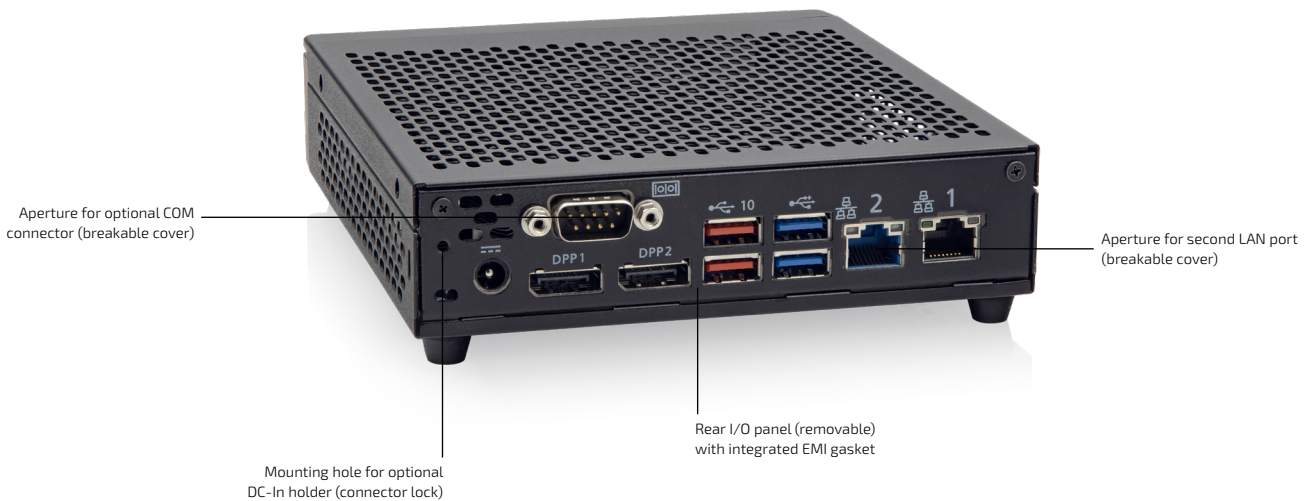K3921-H, K3921-N   FOR

Industrial chassis for
enhanced operating temperature range

- ❯ Ultra-Compact Design
- ❯ 36 x 147 x 165 mm
- ❯ Front & Rear USB
- ❯ VESA- and Wall Mount Option
- ❯ New Security Feature: Chassis Intrusion Option

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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	Passive Cooling: -10°C ... +35°C (max. 12W TDP, any position)** -10°C ... +40°C (max. 10W TDP, any position)** -10°C ... +45°C (max. 10W TDP, vertical position) Active Cooling: -10°C ... +45°C (max. 15W TDP, any position) 5% - 85% relative humidity (non-condensing)
APPROVALS & CERTIFICATIONS	EMC	CE Class B, Industrial Immunity (EN 61000-6-2), FCC-B/ICES-003 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 Mechanical lock for DC-In connector (DC-in holder; optional) Intrusion Support (optional) Integrated WLAN antennas Wall Mount VESA Kit Cooling solution Rear COM port
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; upper limit depends on system configuration
** Limited cooling performance in horizontal operating mode; possible system performance reduction.
Vertical operating position recommended for most favorable cooling & system performance

Aperture for optional COM connector (breakable cover)

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

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

Aperture for second LAN port (breakable cover)

Heatsink (optional)

F5000-C024

❯ Specific passive heatsink designed for SMARTCASE™ S501
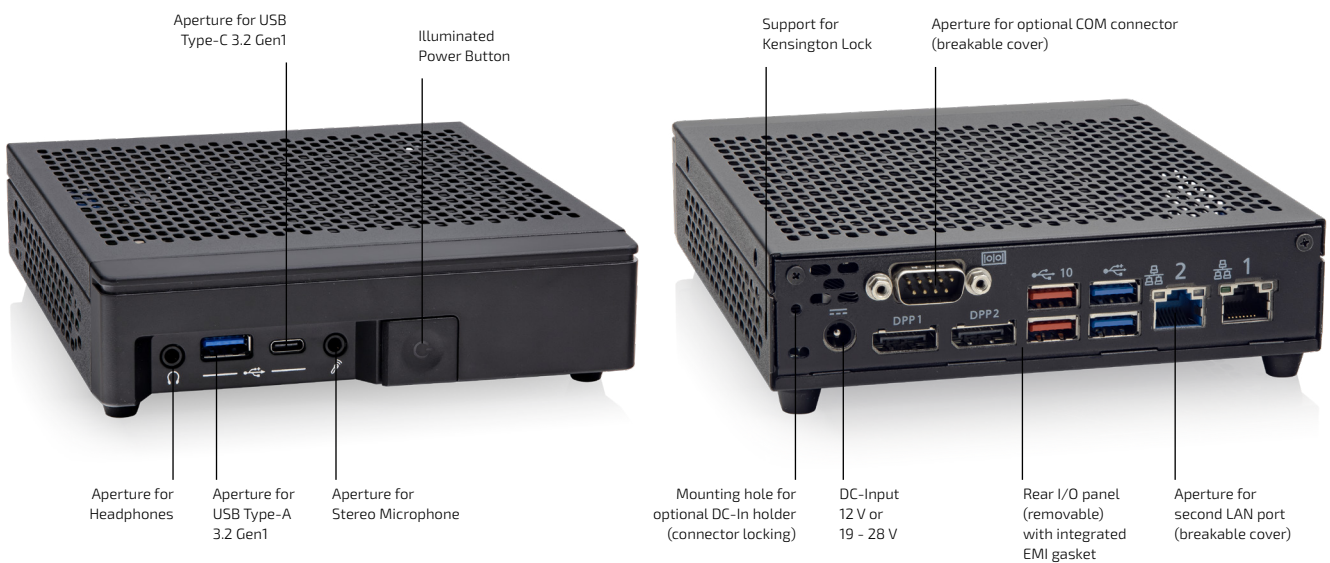❯ Max. 12 W TDP
❯ Weight ~ 180 g

F5000-C026

❯ Specific active heatsink designed for SMARTCASE™ S501
❯ Max. 15 W TDP
❯ Weight ~ 182 g

Chassis Front/Rear View (Horizontal Position)

Motherboard K3921-N installed

Aperture for USB Type-C 3.2 Gen1

Illuminated Power Button

Support for Kensington Lock

Aperture for optional COM connector (breakable cover)

Aperture for Headphones

Aperture for USB Type-A 3.2 Gen1

Aperture for Stereo Microphone

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

DC-Input 12 V or 19 - 28 V

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

Aperture for second LAN port (breakable cover)

Overview Chassis Configuration/Options

	K3921-H	K3921-Nx
SMARTCASE™ S501 **Rev. 01**	yes	yes
Chassis Rear Wall (up to 2x Graphics + COM) included in chassis kit	yes	yes
Passive Cooling (F5000-C024) supported	yes	yes
Active Cooling (F5000-C026) supported	yes	yes
Rear COM Port Option S26361-F5000-K007 supported	yes	yes
2nd LAN Port supported	no	yes

Ordering Information

ARTICLE	PART NO.	DESCRIPTION
SMARTCASE™ S501	F5000-J014	10x chassis kit

Accessories

VESA MOUNTING KIT	S26361-F5000-X002	VESA adapter incl. mounting screws
AC ADAPTER 19V / 65W	S26361-F5000-P006	AC Adapter, 19 V/3.4 A, 65 W
INTERNAL WLAN ANTENNA KIT	S26361-F5000-W005	WLAN antenna kit; left (grey)/right (black) antennas incl. cable. M.2 WLAN module not included!
INTERNAL WLAN ANTENNA KIT	F5000-W006	Box contains 10 dual antennas (incl. antenna cable) for SMARTCASE™ S5xx series. Additional support for WiFi 6E/WiFi 7; replaces F5000-W005
WALLMOUNT BRACKETS	S26361-F5000-X001	2x Brackets per chassis incl. screws
DC-IN HOLDER	S26361-F5000-X003	Holder incl. screws
HEATSINK	F5000-C024	Specific passive heatsink (max. 9 W TDP) for SMARTCASE™ S501
HEATSINK	F5000-C026	Specific active heatsink (max. 15 W TDP) for SMARTCASE™ S501
INTERNAL REAR COM PORT CABLE	S26361-F5000-K007	w/o slot bracket, length = 120 mm, 2 mm pitch internal connector
CHASSIS INTRUSION KIT FOR SC-S501	F5000-K017	Contains 20x chassis intrusion cable plus 20x mounting bracket for K3921/SMARTCASE™ S501

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