

SMARTCASE™ FAMILY



Besides the Industrial Motherboard portfolio we provide the compact and stylish SMARTCASE™ solutions. Approved for EMC according to CE and FCC/B, the chassis family is applicable in different areas with high demands, e.g. industry or digital signage. It's a modularized, compact and flexible IPC Chassis family. In addition, they are thermally approved up to 45 °C and integrate a 2.5" drive bay for HDD/SDD with cooler as well as further expandability options eager graphics cards or Bluetooth/WiFi.



SMARTCASE™ SOLUTIONS ARE APPLICABLE IN DIFFERENT VERTICAL MARKETS:

- ▶ Digital Signage
- ▶ Gambling
- ▶ Vending/POS/ATM/Kiosk/Ticketing
- ▶ Industrial Automation



About Kontron – Member of the S&T Group

Kontron is a global leader in IoT/Embedded Computing Technology (ECT). As a part of technology group S&T, Kontron, offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall.

For more information, please visit: www.kontron.com



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SMARTCASE™ FAMILY



▶ SMALL-SIZED KIT SOLUTIONS

Mini-STX and Mini-ITX Chassis for industrial applications, digital signage and more

▶ CERTIFIED ON SYSTEM LEVEL

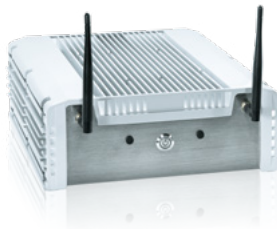
CE and FCC/B approved

▶ FLEXIBLE CONFIGURATION

Kit Solutions with lot of expandabilities

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SMARTCASE™ FAMILY



SMARTCASE™ S500

CHASSIS DATA	FORMFACTOR DIMENSIONS	Mini-STX 36 x 147 x 165 mm (W x H x D) 0.87 l black ~ 0.4 kg
CPU SUPPORT	PROCESSOR SOCKET	Intel® BGA
SUPPORTED MOTHERBOARDS		D3544-S1, D3544-S2, D3544-S3
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE	Passive heatsink (fanless): 0 °C – 40 °C* Active heatsink (with Fan): 0 °C – 50 °C*
	HUMIDITY	5 % – 85 %
CHASSIS/SYSTEM FAN SPECIFICATION	MTBF OPERATING TEMPERATURE	- -
REQUIREMENTS FOR AC ADAPTER	DC INPUT DC PLUG	8-24 V +/- 5 % 2.5 mm/5.5 mm
APPROVALS & CERTIFICATIONS	CE CLASS B INDUSTRIAL IMMUNITY FCC CLASS B (VERIFIED)	yes yes yes
CHASSIS FEATURES	THEFT PROTECTION	Kensington lock support
	MOUNTING OPTIONS	Internal WLAN kit (Intel® M.2 WLAN module plus 2 antennas – integrated in chassis front) Internal speaker 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

SMARTCASE™ S520

Mini-STX 36 x 147 x 165 mm (W x H x D) 0.87 l black ~ 0.4 kg
Intel® LGA
D3654-B, D3664-B
0 °C – 40 °C*
5 % – 85 %
- -
19 V +10 %/-15 % 2.5 mm/5.5 mm
yes yes yes
Kensington lock support
Internal WLAN kit (Intel® M.2 WLAN module plus 2 antennas – integrated in chassis front) Internal speaker kit Wall Mount, VESA Kit, DC-in holder

SMARTCASE™ S700

Mini-ITX 250 x 52 x 191 mm (W x H x D) 2.48 l black ~ 1 kg
Intel® BGA
D3543-S1, D3543-S2, D3543-S3
Passive heatsink (fanless): 0 °C – 35 °C* Active heatsink (with Fan): 0 °C – 50 °C*
5 % – 85 %
- -
8-24 V +/- 5 % 2.5 mm/5.5 mm
yes yes yes
Kensington lock support Mechanical lock for DC-In connector Intrusion Support Rear WLAN antenna PCIe riser (PCIe x4, low profile) Two rear COM ports (COM3, COM4); one port incl. RS-232, RS-422, RS-485 Rear USB Type-C connector (USB 3.1 Gen1)

SMARTCASE™ S710

Mini-ITX 250 x 52 x 191 mm (W x H x D) 2.48 l anthracite ~ 1 kg
AMD® BGA
D3313-S1, D3313-S4, D3313-S6
Passive heatsink (fanless): 0 °C – 35 °C* Active heatsink (with Fan): 0 °C – 50 °C*
5 % – 85 %
70.000 hours @ 40 °C PWM (4 pin), 40 x 40 x 10 mm 1750 – 5.500 rpm (nominal) Two ball bearing
12 V +/-10 %/19-24 V +10 %/-15 % 2.5 mm/5.5 mm
yes - -
Kensington lock support Mechanical lock for DC-In connector Intrusion Support Rear WLAN antenna PCIe riser (low profile) Additional serial port 2.5" Drive

SMARTCASE™ S720

Mini-ITX 250 x 52 x 191 mm (W x H x D) 2.48 l black ~ 1 kg
Intel® LGA
D3433-S, D3434-S, D3633-S, D3634-S
0 °C – 45 °C*
5 % – 85 %
70.000 hours @ 40 °C PWM (4 pin), 40 x 40 x 10 mm 1750 – 5.500 rpm (nominal) Two ball bearing
12 V +/-5 % 5.5 x 2.5 x 12 mm Lockable DC Plug (optional)
yes yes yes
Kensington lock support Mechanical lock for DC-In connector Intrusion Support Rear WLAN antenna PCIe riser (PCIe x4, low profile) Additional serial port 2.5" Drive

SMARTCASE™ I720

Mini-ITX 244 x 92.5 x 299.3 mm (W x H x D)
aluminium nature / steel brushed (rear/front) ~ 5,5 kg (fully assembled) ~ 3,2 kg (barebone)
Intel® LGA
D3433-S, D3434-S, D3633-S, D3634-S
0 °C – 50 °C*
5 % – 85 %
- -
integrated AC Input 100-240V Main power cable
yes yes yes
Kensington lock support
Intrusion Support WLAN antennas 4x COM Extension, RS-232, RS-422, RS-485 2.5" Drive

*Chassis ambient temperature; upper limit depends on system configuration



D3544-S mSTX



D3664-B mSTX



D3543-S mITX



D3313-S mITX



D3433-S mITX



D3433-S mITX



D3654-B mSTX



D3434-S mITX



D3434-S mITX



D3633-S mITX



D3633-S mITX



D3634-S mITX



D3634-S mITX