SMARTCASE™ S710
Chassis Kit Solution

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Mini-ITX Motherboard
D3313-S

FOR

Industrial chassis for enhanced operating temperature range

▶ Compact Design
▶ 250 x 52 x 191 mm
▶ Low Profile Extension Slot
▶ Option for Internal 65W PSU Module
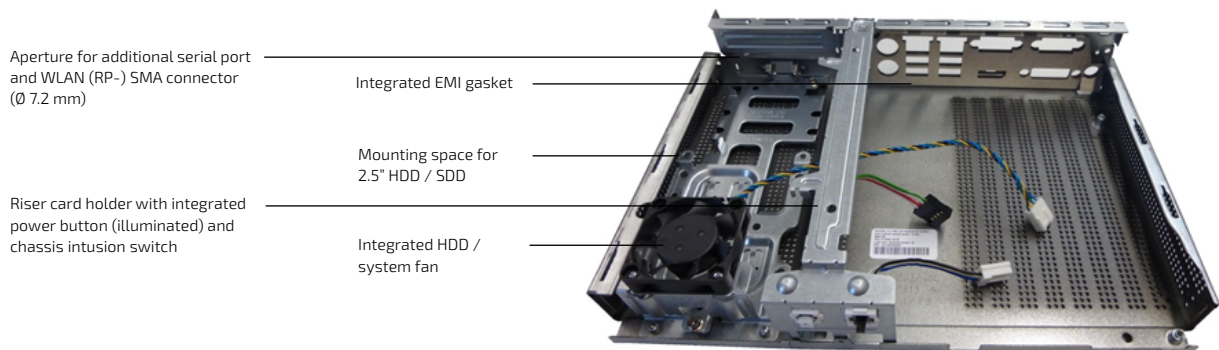▶ Horizontal and Vertical Stand plus Wall Mount Bracket

POSSIBILITIES START HERE

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► TECHNICAL INFORMATION

CHASSIS DATA	DIMENSIONS COLOUR WEIGHT	250 x 52 x 191 mm (W x H x D) anthracite ~ 1 kg
SUPPORTED MOTHERBOARDS	D3313-S1 D3313-S4 D3313-S6	GX-210 HA SOC – 2x 1.0 GHz/9 W Dual Core GX-222 GC SOC – 2.20 GHz/10-15 W Dual Core GX-424 CC SOC – 2.40 GHz/25 W Quad Core
ENVIRONMENTAL CONDITIONS	OPERATING TEMPERATURE HUMIDITY	D3313-S1 (fanless): 0 °C – 35 °C* D3313-S1/S4 (heatsink with heatpipe, fanless): 0 °C – 35 °C* D3313-S1/S4/S6 (CPU fan + HDD fan): 0 °C – 50 °C* 5 % - 85 % relative humidity (non-condensing)
HDD 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) Two ball bearing Note: HDD fan not required for D3313-S1 with passive heatsink (TAmbient ≤ +35 °C)
APPROVALS & CERTIFICATIONS	EMC	CE
PACKAGE CONTENT		Chassis bottom/top incl. front bezel; I/O with integrated EMI gasket HDD carrier incl. 4 pin PWM fan Riser card holder incl. power button / power LED and intrusion switch HDD SATA cable and power cable for one drive 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 (low profile) Additional serial port

*Chassis ambient temperature

Aperture for additional serial port
and WLAN (RP-) SMA connector
(Ø 7.2 mm)

Integrated EMI gasket

Mounting space for
2.5" HDD / SDD

Riser card holder with integrated
power button (illuminated) and
chassis intusion switch

Integrated HDD /
system fan

ARTICLE	PART NO.	DESCRIPTION
CHASSIS KIT SOLUTION	F5000-J2	10 pcs
ACCESSORIES		
PASSIVE HEATSINK	F5000-C6	9 W (heatsink incl. backplate) Kit for Mini-ITX motherboards – designed for fanless chassis solutions for AMD embedded G-Series SoC (D3313-S1)
PASSIVE HEATSINK WITH HEATPIPE	F5000-C7	15 W (heatsink incl. backplate) Kit for Mini-ITX motherboards – designed for fanless chassis solutions for AMD embedded G-Series SoC (D3313-S1/S4)
ACTIVE HEATSINK WITH FAN	F5000-C5	25 W (heatsinks incl. backplate) Active Heatsink for mini-ITX motherboard – designed for silent but effective cooling for AMD embedded G-Series APU / embedded G-Series SoC processors up to 25W TDP
ADDITIONAL SERIAL PORT CABLE	F5000-K5	Length = 400mm
1 DRIVE POWER CABLE	F5000-K1	HDD + DVD slim
1x PCIe RISER CARD D3318	F5000-R6	PCIe x4 Risercard D3318
DVI-I TO VGA ADAPTER	F5000-A1	
INTERNAL PSU MODULE	F5000-P4	12V Internal PSU E598-V50 65 W includes: Internal PSU module E598-V50 Internal DC cable for D3313-S Rubber Plug (DC in cover for D3313-S) Note: Mains power cable is NOT included!
AC-ADAPTER	F5000-P3	19 V / 65 W Contains AC adapter (w/o mains power cable) Suitable for Motherboard D3313-Sx

▶ GLOBAL HEADQUARTERS

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