Data Sheet
FUJITSU Mainboard Accessories
SMARTCASE™ S720 Chassis Kit Solution (intel)

Designed for INTEL mini-ITX D343x-S

Industrial chassis for enhanced operating temperature range.
Usable in horizontal and vertical mode

Supported Mini-ITX Mainboards:

D3433-S   Data Sheet
D3434-S   Data Sheet

Supported Processors:

Intel® 6th & 7th generation Core™ processor series
Socket LGA1151 – up to 35W TDP

Approvals & Certifications:

Mainboard D3433-S & D3434-S certified for
MS Windows 7, Windows 8.1, Windows 10
System unit approved according CE EMC regulations
System unit approved according FCC/B EMC regulations
System unit approved for enhanced temperature range
Mainboard approved according cCSAus 60950-1

Product Features:

HDD/system fan (4 pin PWM) included
SATA data cable and power cable included
Chassis desk stand (horizontal/vertical, removable) included
Chassis wall mount included
Chassis intrusion support
Kensington lock support
12V/60W DC-In incl. specific EMC filter
Mechanical lock for DC-in power connector
Mounting option for 2.5" HDD
Mounting option for WLAN antenna via (RP-)SMA connector
Mounting option for PCIe riser (PCIe x4, low profile)
Mounting option for additional serial port

Order Code:

S26361-F5000-J003 (10 pcs)

(Chassis with desk stand installed)

(Chassis with wall mount installed)

Features and benefits

Chassis

Size	250 x 52 x 191 mm (w x h x d)
Colour	black
Weight	~ 1kg

Operating Conditions

Temperature range (recommendations)
D3433-S & D3434-S:
horizontal or vertical mode   0°C – 45°C [1]

   1)   *Chassis ambient temperature*

Humidity
5% - 85% relative humidity (non-condensing)

HDD / Chassis fan specification

PWM (4 pin), 40 x 40 x 10mm
1750 – 5.500 rpm (nominal)
Two ball bearing
Fan operating temperature range: -10°C … 70°C
Fan MTBF: 70.000 hours @ 40°C

Package content

- Chassis bottom/top incl. front bezel; I/O with
  integrated EMI gasket

- DC input connector with EMC filter and internal cabling

- HDD carrier incl. 4 pin PWM fan

- Riser card holder incl. power button / power LED and
  intrusion switch

- HDD SATA cable for one drive

- Chassis desk stand

- Wall mount metal brackets

- Mainboard mounting screws

Optional Accessories

Additional serial port cable	S26361-F5000-K005
1x PCIe riser card D3318 (4 PCIe lanes)	S26361-F5000_R006
DP to DVI adapter cable	S26361-F5000-A003

Recommended cooling solutions

EKL	21910021016
HSM Zamecki	HSM# 104101
SilverStone	SST-NT07-115X

[Related datasheets "Cooling Solutions"](#)

Requirements for AC adapter   Recommended AC adapters

DC Output = 12V +/-5%	FSP Group INC.	FSP060-DIBAN2
DC Output Plug: 5,5x2,5x**12**mm	Bicker	BET-0612M
Optional: Lockable DC Output Plug	Bicker	BET-0612-B5

[Related datasheets "power supplies"](#)

 Important Note:
 Compliance with IEC 60950-1 section 2.5 "Limited Power Source" required!

Lockable DC Input Jack

   Model = Switchcraft L712RA or compatible
   DC input power = 12V +/-5% max. 60W

Lockable DC Power Jack
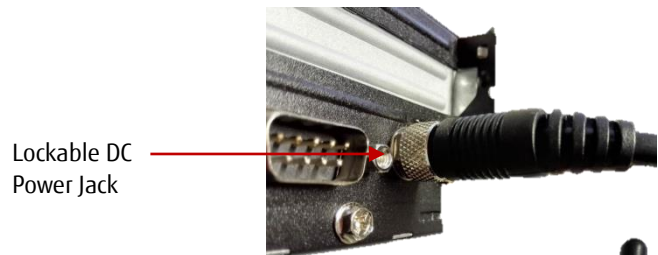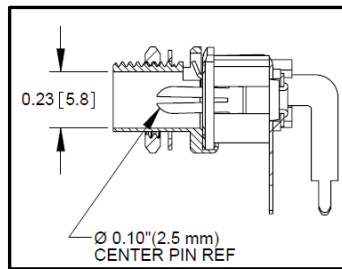
Optional COM2 Connector   RP-SMA antenna connector (customer option)   WLAN antenna installed (customer option)

Features and benefits

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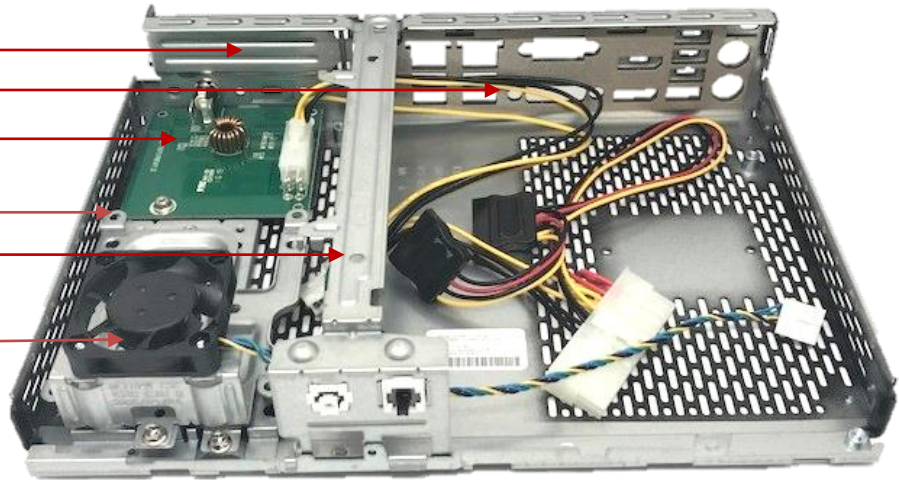WLAN (RP-) SMA connector (Ø 7.2mm)

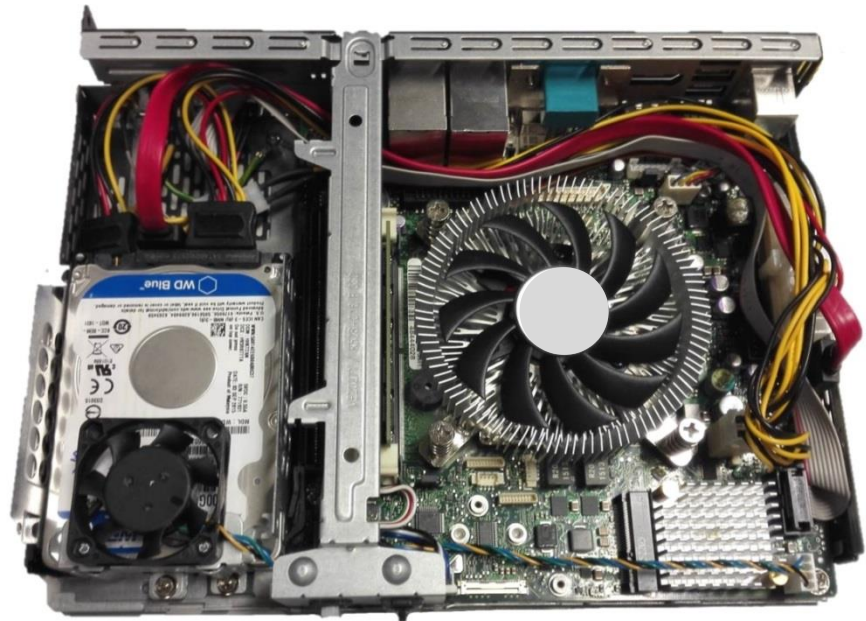Integrated EMI gasket

DC- In Filter Board

Mounting space for 2.5" HDD

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

Integrated HDD / system fan

Sample chassis with mainboard D3434-S
and heatsink with fan (max. CPU-TDP: 35W)

Chassis rear view

Kensington Lock

Aperture for DisplayPort and USB –
Ports with removable cover.
Note: Cover required for D3434-S

Aperture for optional
COM2 connector with
removable cover
(metal clip)

12V DC
Input,
lockable

Aperture for optional
(RP-) SMA antenna
connector with
removable cover
(Ø 7.2mm)

Fujitsu Mainboard Accessories

Fujitsu Risercard for mini-ITX Mainboards

PCIe Risercard for using PCIe extension cards on mini-ITX boards D343x-S

Usability:

Enables the use of extension cards
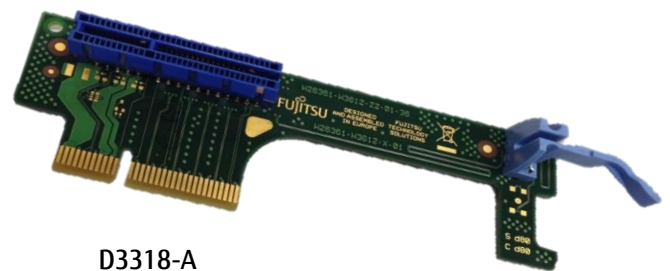Flexible operation of mini-ITX Boards

Reliability:

Performance in PCIe standard
Designed for 24/7 operation
Designed for extended temperature range up to 60°C

Approvals

CE

Order Code:

S26361-F5000-R006 (D3318-A)

D3318-A

More information

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- Network

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Fujitsu green policy innovation

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