

# Data Sheet

## FUJITSU Mainboard Accessories

### SMARTCASE™ S720 Chassis Kit Solution

Designed for INTEL mini-ITX D343x-S and D363x-S Industrial Mainboards

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

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#### Supported Mini-ITX Mainboards:

D3433-S / D3434-S [Data Sheet](#)

D3633-S / D3634-S [Data Sheet](#)

#### Supported Processors:

Socket LGA1151 – up to 35W TDP

see related mainboard datasheets for details

#### Approvals & Certifications:

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 cTUVus (CSA/UL compliance)

#### 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-J3 (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 <sup>1)</sup>  
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 for D343x-S	F5000-K5
Additional serial port cable for D363x-S	F5000-K10
PCIe riser card D3318 (4 PCIe Lanes)	F5000-R6
Mini-PCIe to M.2 Adapter (WLAN 2230)	F5000-M3

## Recommended cooling solutions

Fujitsu	F5000-C11
EKL	21910021016
HSM Zamecki	HSM# 104101
SilverStone	SST-NT07-115X

[Related datasheets "Cooling Solutions"](#)

## Requirements for AC adapter

DC Output = 12V +/-5%  
DC Output Plug: 5,5x2,5x12mm  
Optional: Lockable DC Output Plug

## Recommended AC adapters

FSP Group INC. FSP060-DIBAN2  
Bicker BET-0612M  
Bicker BET-0612-B5

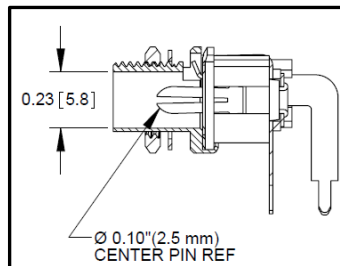
[Related datasheets "power supplies"](#)

### Important Note:

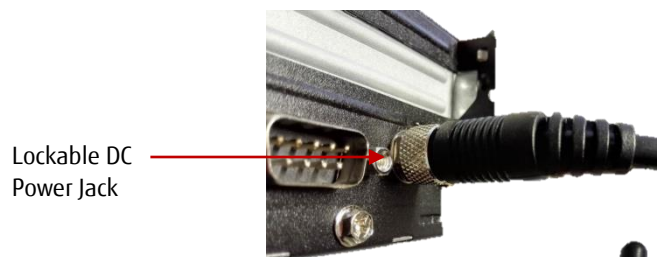
Compliance with IEC 60950-1 section 2.5 "Limited Power Source" required!

## Lockable DC Input Jack

Model = Switchcraft L712RA or compatible



DC input power = 12V +/-5% max. 60W



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)

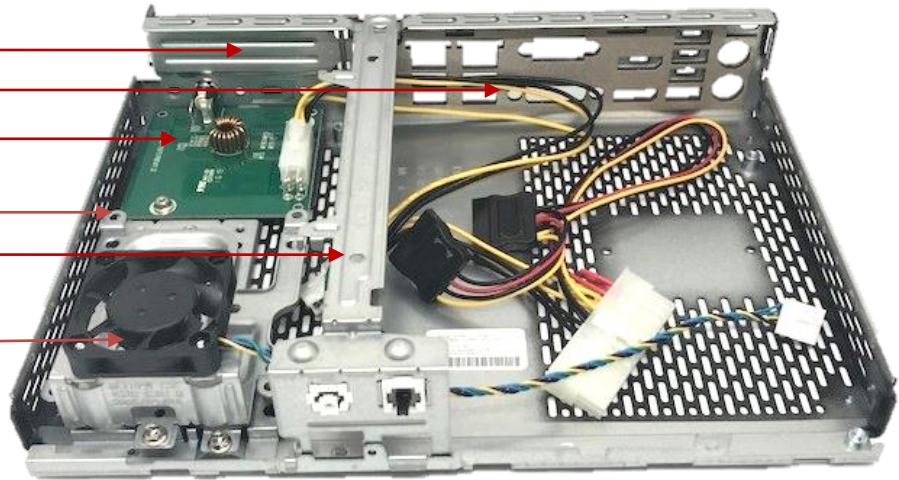
Integrated EMI gasket

DC- In Filter Board

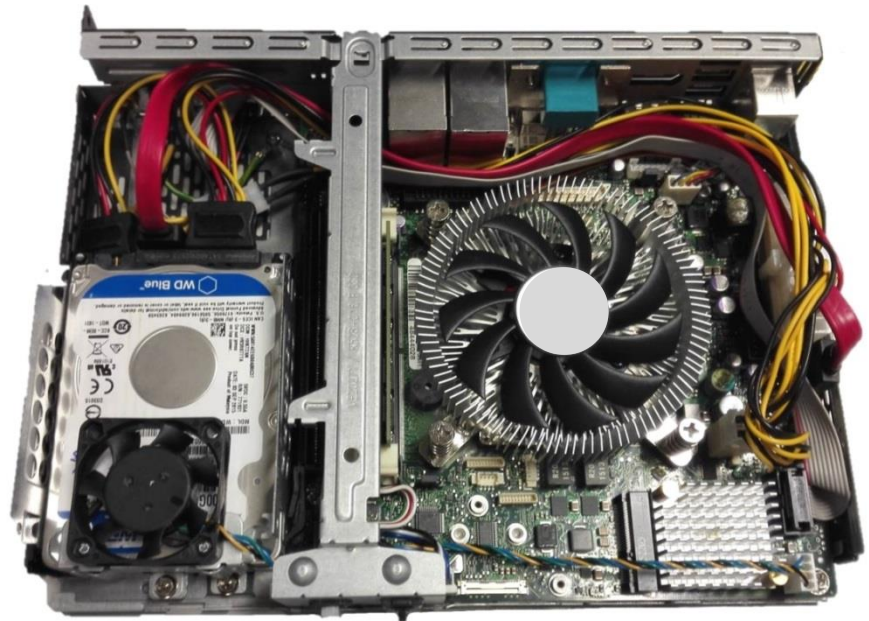
Mounting space for 2.5" HDD

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 / D363x-S

### Usability:

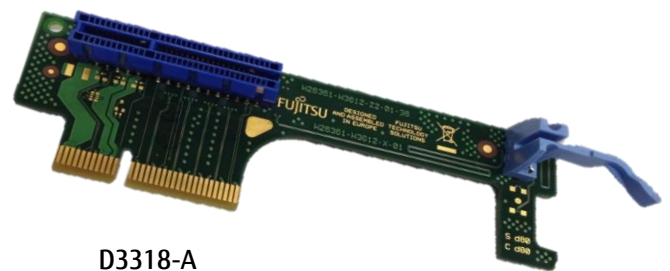
Enables the use of extension cards  
Flexible operation of mini-ITX Boards

### Reliability:

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

### Order Code:

S26361-F5000-R06 (D3318-A)



D3318-A

# More information

## Fujitsu products, solutions & services

### Products

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### Computing products

- Storage systems: ETERNUS
- Server: PRIMERGY, PRIMEQUEST, Fujitsu SPARC M10, BS2000/OSD Mainframe
- Client Computing Devices: LIFEBOOK, STYLISTIC, ESPRIMO, FUTRO, CELSIUS
- Peripherals: Fujitsu Displays, Accessories
- Software
- Network

Product Support Services with different service levels agreements are recommended to safeguard each product and ensure smooth IT operation.

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**Infrastructure Solutions** are customer offerings created by bringing Fujitsu's best products, services and technologies together with those from partners to deliver benefit to our customers' businesses.

**Industry Solutions** are tailored to meet the needs of specific verticals.

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**Application Services** support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications. The services focus on delivering business and productivity improvements for organizations.

**Business Services** respond to the challenge of planning, delivering and operating IT in a complex and changing IT environment.

**Managed Infrastructure Services** enable customers to deliver the optimal IT environment to meet their needs – achieving high levels of IT service quality and performance for data center and end user environments.

## Fujitsu green policy innovation

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Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:



## More information

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[www.fujitsu.com/fts/mainboards/](http://www.fujitsu.com/fts/mainboards/)

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