FUJITSU

FUJITSU Kit Solution (Intel) Industrial Series

Suitable for Industrial Mainboards D3433-S & D3434-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 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
HDD SATA and power cable included
Chassis desk stand (horizontal/vertical, removable) included
Chassis wall mount included
Chassis intrusion support
Kensington lock support
12V/65W 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)

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)   Housing ambient temperature

Humidity
10% - 75% relative humidity (non-condensing)

HDD / Chassis fan specification

PWM (4 pin), 40 x 40 x 10mm
1750 – 5.500 rpm (nominal)
Two ball bearing
Operating temperature range: -10°C – 70°C
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 to the power supplies

DC Output = 12V +/-5%
DC Output Plug: 5,5x2,5x10mm
Optional: Lockable DC Output Plug

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

Recommended power supplies

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

Related datasheets "power supplies"

Lockable DC Input Jack

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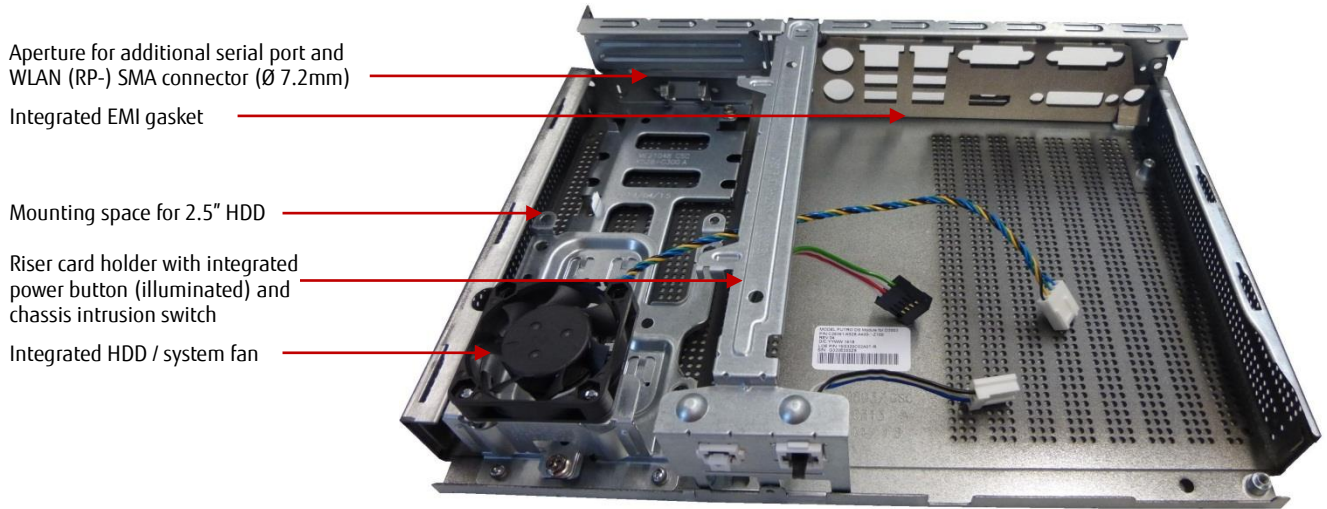

0.23 [5.8]
Ø 0.10"(2.5 mm)
CENTER PIN REF

Lockable DC Power →
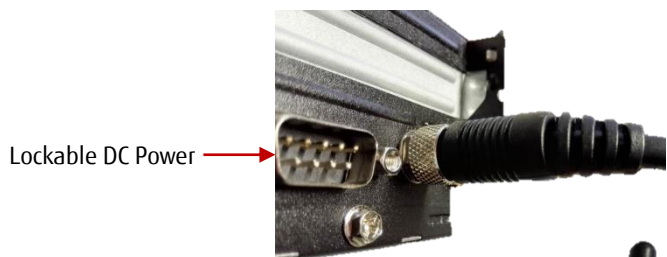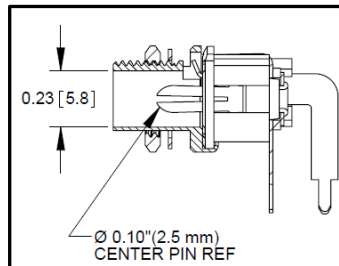
Optional COM2 Connector

RP-SMA antenna connector (customer option)

WLAN antenna installed (comsumer option)

Features and benefits

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

Integrated EMI gasket

Mounting space for 2.5" HDD

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

Integrated HDD / system fan

Chassis with mainboard D3434-S and
heatsink with fan (max. CPU-TDP: 35W)
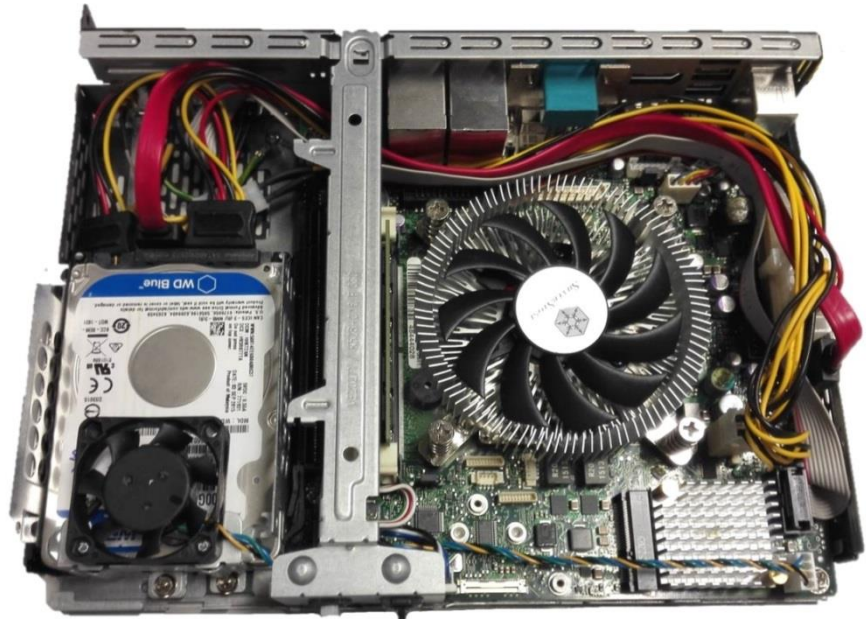
Chassis rear view

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)

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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
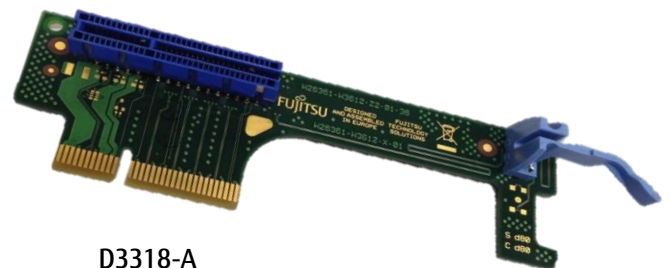Flexible operation of mini-ITX Boards

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

Approvals
CE

D3318-A

Order Code:
S26361-F5000-R006 (D3318-A)

FUJITSU
Designed to fit for
Intel Mini-ITX Chassis!
Order Code:
S26361-F5000-J003 (10 pcs)

More information

Fujitsu products, solutions & services

Products

www.fujitsu.com/global/products/
In addition to the Fujitsu [Product name], Fujitsu offers a full portfolio of other computing products.

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.

Solutions

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The Fujitsu solutions combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.
Fujitsu's Solutions include parts of one or more activity groups (e.g., planning, implementation, support, management, and training services) and are designed to solve a specific business need.
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.
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Services

www.fujitsu.com/global/services/
Several customizable Fujitsu Service offerings ensure that IT makes a real difference and delivers true business value. We do this by leveraging our extensive experience in managing large, complex, transformational IT programs to help clients in planning, delivering and operating IT services in a challenging and changing business environment.

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

www.fujitsu.com/global/about/environment/
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More information

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