

# Data Sheet

## FUJITSU Mainboard Accessories

### SMARTCASE™ S500 Chassis Kit Solution

Vertrieb durch  
Distribution by

**HY-LINE**<sup>®</sup>  
COMPUTER COMPONENTS

Inselkammerstr. 10  
D-82008 Unterhaching  
Tel.: +49 89 614 503 40  
www.hy-line.de

Designed for INTEL mini-STX D3544-S

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

#### Supported Mini-ITX Mainboards:

D3544-Sx [Data Sheet](#)

#### Chassis Data:

Size 36 x 147 x 165 mm (w x h x d)  
Colour black  
Weight ~ 0.4kg

#### Environmental Conditions:

##### Approved operating temperature range

D3544-Sx / chassis in horizontal or vertical mode

Passive heatsink (fanless): 0°C – 40°C <sup>1)</sup>

Active heatsink with Fan: 0°C – 50°C <sup>1)</sup>

1) = Chassis ambient temperature

#### Humidity

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

#### Approvals & Certifications:

Mainboard D3544-Sx certified for MS Windows 10 (RS3)

System unit approved for enhanced temperature range

System unit approved according following EMC regulations:

- CE Class B
- Industrial Immunity (EN 61000-6-2)
- FCC Class B (verified)

#### Product Features:

Chassis desk stand (horizontal/vertical, removable) included

VESA mounting (upon request)

Kensington lock support

Mounting option for two integrated WLAN antennas

Mounting option for internal mono speaker

Mounting option for rear COM port (incl. RS-232, RS-422, RS-485)

Mounting option for rear USB Type-C connector (USB 3.1 gen1)

#### Order Code:

S26361-F5000-J4 (10 pcs)



(Chassis with desk stand installed, vertical operating mode)



(Chassis with desk stand installed, horizontal operating mode)

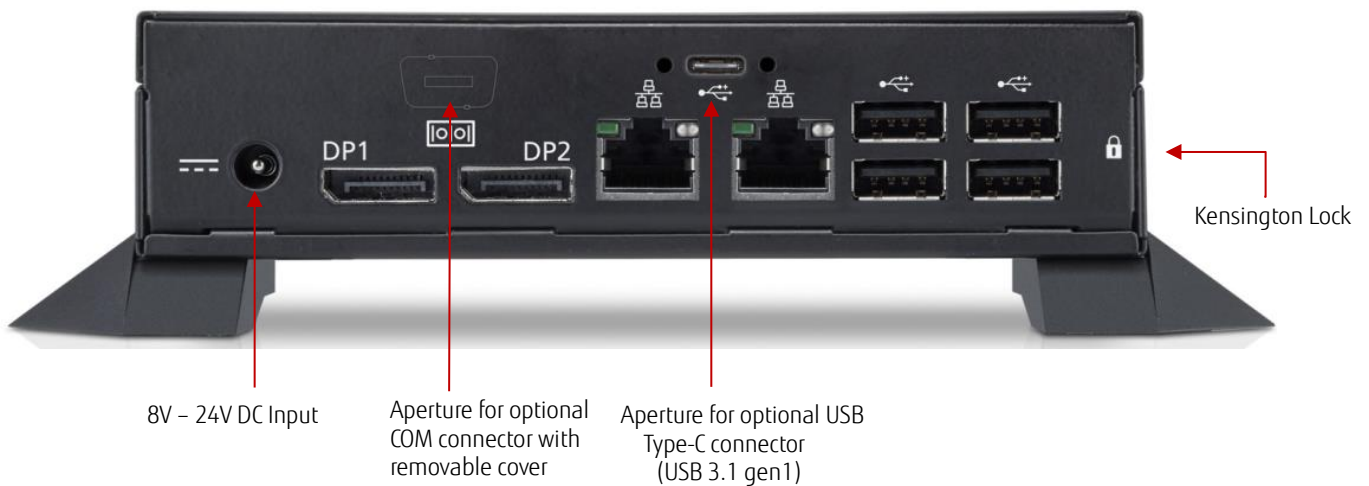
# Features and benefits

## Sample chassis configuration:

- Mainboard D3544-S
- Heatsink with fan
- M.2 2280 SSD
- M.2 2230 WLAN/Bluetooth (antenna not installed)
- SO-DIMM DDR4-2400



## Chassis rear view



# Data Sheet

## Fujitsu Mainboard Accessories

### Passive Mini-ITX Heatsink for Industrial Mainboards

Fanless Heatsink Kit for Mini-ITX / Mini-STX Mainboards D3543-S / D3544-S  
Designed for Intel® embedded Gemini Lake SoC (System on Chip) up to 10W TDP

**Heatsink F5000-C10:**

Full aluminium  
Max. 10W TDP  
Spring-loaded mounting screws for specified downforce  
Recommended mounting screw torque: max. 0.8Nm  
Weight ~ 100g

**Mounting Backplate:**

Metal backplate, provides 4 mounting threads for heatsink

**Supported mainboards:**

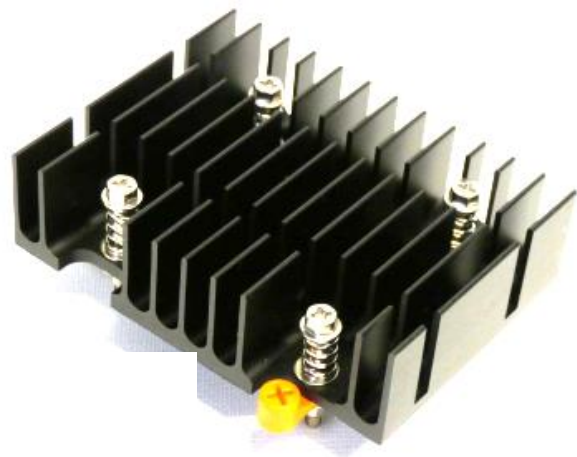
D3543-Sx  
D3544-Sx

**Order Code:**

S26361-F5000-C10 (backplate included)

**Package Content:**

Passive Heatsink  
Mounting Backplate



Heatsink



Mounting Backplate

# Data Sheet

## Fujitsu Mainboard Accessories

### Active Mini-ITX/STX Heatsink for Industrial Mainboards

Active Heatsink Kit for Mini-ITX / Mini-STX Mainboards D3543-S / D3544-S  
Designed for Intel® embedded Gemini Lake SoC (System on Chip) up to 10W TDP

#### Heatsink F5000-C9:

Full aluminium with fan  
Max. 10W TDP  
Spring-loaded mounting screws for specified downforce  
Recommended mounting screw torque: max. 0.8Nm  
Weight ~ 50g

#### Fan Specification:

40 x 40 x 10.5 [mm]  
12V PWM; max. 0.15A/1.8W @ 100% PWM  
5.000 rpm +/- 10% @ 100% PWM  
600 rpm +/- 400 rpm @ 0-30% PWM  
Max.26 dB(A) @ 100% PWM  
Two Ball Bearing  
MTBF = 50.000hrs @ 40°C



Heatsink

#### Mounting Backplate:

Metal backplate, provides 4 mounting threads for heatsink

#### Supported mainboards:

D3543-Sx  
D3544-Sx

#### Order Code:

S26361-F5000-C9 (backplate included)

#### Package Content:

Heatsink with integrated fan (PWM)  
Mounting Backplate



Mounting Backplate

## Fujitsu products, solutions & services

### Products

[www.fujitsu.com/global/products/](http://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

<http://www.fujitsu.com/global/solutions>

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.

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

**Business and Technology Solutions** provide a variety of technologies developed to tackle specific business issues such as security and sustainability, across many verticals.

### Services

[www.fujitsu.com/global/services/](http://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/](http://www.fujitsu.com/global/about/environment/)

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

Learn more about Fujitsu, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.  
[www.fujitsu.com/fts/mainboards/](http://www.fujitsu.com/fts/mainboards/)

## Copyright

© 2015 Fujitsu Technology Solutions GmbH  
Fujitsu and the Fujitsu logo are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries.

SMARTCASE™ is a trademark or a registered trademark in Europe and in other countries. All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

## Disclaimer

Technical data subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

## Contact

FUJITSU Technology Solutions  
OEM Mainboard Sales  
Email: [oem-sales@ts.fujitsu.com](mailto:oem-sales@ts.fujitsu.com)

Website: <http://ts.fujitsu.com>  
2018-05-03