

Data Sheet

FUJITSU Mainboard Accessories

SMARTCASE™ S500 Chassis Kit Solution

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 ¹⁾

Active heatsink with Fan: 0°C – 50°C ¹⁾

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)

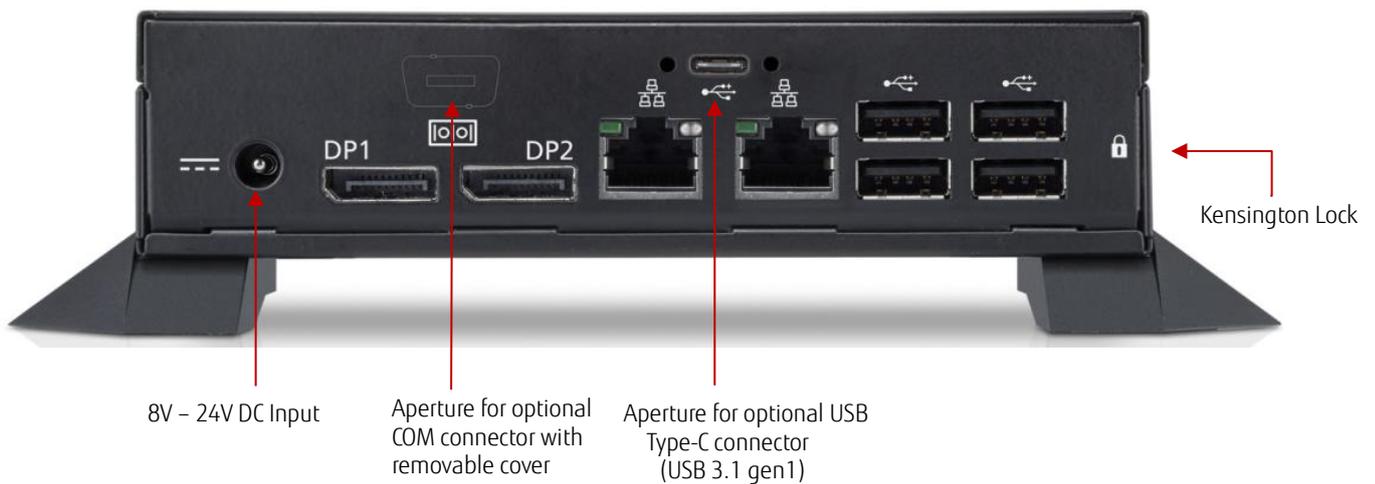
Features and benefits

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 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:

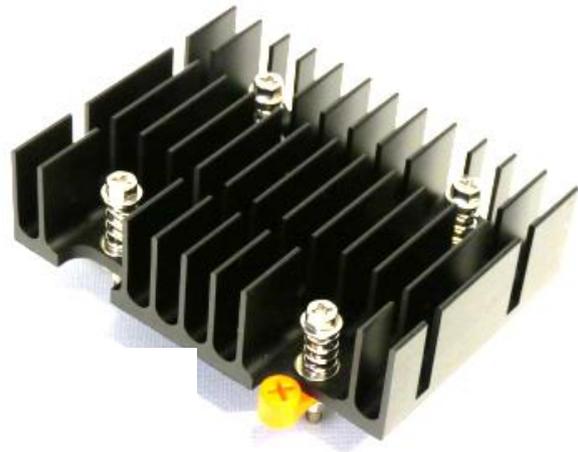
D3543-Sx
D3544-Sx

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

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- Network

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

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

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