

Fujitsu – Your
European
Mainboard
Manufacturer

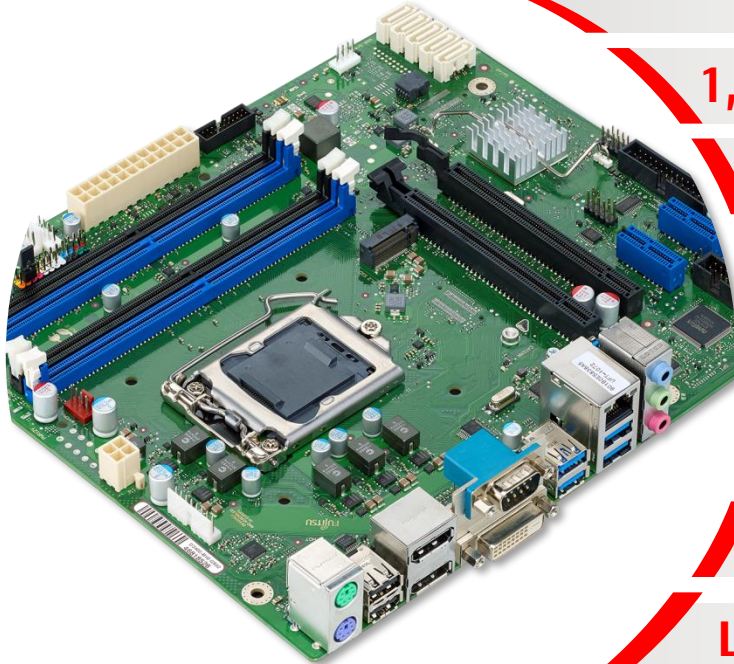
FUJITSU

shaping tomorrow with you

Human Centric Innovation

Digital Co-creation





1,600 Employees

1.4 million Desktop PCs, Thin Clients, Workstations p.a.

1.1 million Mobiles per year

0.2 million Servers per year

Electronic Manufacturing Services

2.3 million Mainboards per year

Leading vendor for embedded mainboards in EMEA

Overview OEM Mainboards Series



CLASSIC DESKTOP

Standard Office
Application



EXTENDED LIFECYCLE

Semi-industrial
Features



INDUSTRIAL

Special Features
for Industrial Needs



CUSTOMIZATION

Special Features for
Customers

Classic Desktop Series



FUJITSU



Intel 6th / 7th gen Core™ i CPUs (Skylake / Kabylake)



IoT Solutions Alliance

D3402-B



D3400-B

- μATX form factor
- Intel® H110 Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i processors



[Datasheet](#)

D3410-B

- μATX form factor
- Intel® B150 Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i processors



[Datasheet](#)

D3401-B

- μATX form factor
- Intel® Q150 Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i processors



[Datasheet](#)



[Datasheet](#)

Extended Lifecycle Mainboards



FUJITSU

“Extended Lifecycle Mainboards selected models out of standard desktop series with prolonged availability (up to min. 3 years) and semi-industrial features.”

Thin mini-ITX:
170 x 170 mm



µATX: 243,8 x 243,8 mm



ATX: 243,8 x 304,8 mm



Extended Lifecycle Series



- Intel 6th / 7th gen Core™ i & XEON CPUs
- Intel Xeon W Family CPUs



IoT Solutions Alliance

D3474-B

- Thin Mini-ITX form factor
- Intel® H110 Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i processors



[Datasheet](#)

D3402-B

- µATX form factor
- Intel® Q170 vPro Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i processors



[Datasheet](#)

D3417-B

- µATX form factor
- Intel® C236 vPro Chipset
- LGA 1151 socket 6th/7th gen. Intel® Core™ i and XEON processors



[Datasheet](#)

D3348-B

- ATX form factor
- Intel® C612 Chipset
- LGA 2011-R3 socket with Intel® Core i7 / XEON CPU Support



[Datasheet](#)

D3598-B

- ATX form factor
- Intel® C422 Chipset
- LGA 2066 socket with Intel® XEON CPU Support Basin Falls



[Datasheet*](#)



Industrial Mainboards Series



Special designed industrial mainboards

- an enhanced hardware feature set (24/7, 0 – 60°C, GPIO, ...)
- additional comprehensive documentation
- extensive powerful software tools
- special lifecycle management & strict revision control
- extended lifecycle
- extended service opportunities

mini-ITX: 170 x 170 mm



µATX: 243,8 x 243,8 mm



ATX: 243,8 x 304,8 mm



mini-STX: 140 x 147 mm



Industrial Series - INTEL



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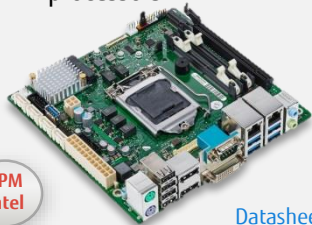
- Intel 6th gen Core™ i & XEON CPUs
- Intel 7th gen Core™ i & XEON CPUs



IoT Solutions Alliance

D3433-S1/-S2

- Mini-ITX form factor
- Intel® Q170 vPro Chipset
- LGA 1151 socket, 6th / 7th gen. Intel® Core™ i processors



TPM
Intel

[Datasheet](#)

D3434-S1/-S2

- Mini-ITX form factor
- Intel® H110 Chipset
- LGA 1151 socket, 6th / 7th gen. Intel® Core™ i processors



TPM
Intel

[Datasheet](#)

D3441-S1/-S2

- µATX form factor
- Intel® Q170 vPro Chipset
- LGA 1151 socket, 6th / 7th gen. Intel® Core™ i processors



TPM
Infineon

[Datasheet](#)

D3445-S1

- ATX form factor
- Intel® H110 Chipset
- LGA 1151 socket, 6th gen. Intel® Core™ i processors



TPM
Intel

[Datasheet](#)

D3446-S1/-S2

- ATX form factor
- Intel® C236 vPro Chipset
- LGA 1151 socket, 6th / 7th gen. Intel® Core™ i & XEON processors



TPM
Infineon

[Datasheet](#)

Positioning Card FUJITSU SMARTCASE™



FUJITSU

SMARTCASE™ S500



SMARTCASE™ S520



SMARTCASE™ S700



SMARTCASE™ S720



Key Features:

- Mini-STX [D3544-S](#)
- 8V – 24V DC in
- 36x146.9x164mm (0.87!)
- Front Connectivity (Audio, 2x USB3.0)
- Option for USB3.1 Type C
- Option for COM
- Option for WiFi (M.2 Intel 9260 – antenna integrated into front bezel)
- Stands, VESA & Wall mount

Key Features:

- Mini-STX [D3654-S](#)
- 19VDC in
- 36x146.9x164mm (0.87!)
- Front Connectivity (Audio, 2x USB3.1, USB Type C)
- Option for USB3.1 Type C
- Option for WiFi (M.2 Intel 9260 – antenna integrated into front bezel)
- Stands, VESA & Wall mount

Key Features:

- Mini-ITX [D3543-S](#)
- 8V – 36V DC in
- 52x250x191mm (2.48l)
- 2,5" drive bay for HDD/SSD with cooler
- Low profile PCIe x4 via optional riser card
- Option for internal 65W PSU
- Wall mount, stands
- Option for WiFi (M.2 Intel 9260 – antenna integrated into front bezel)

Key Features:

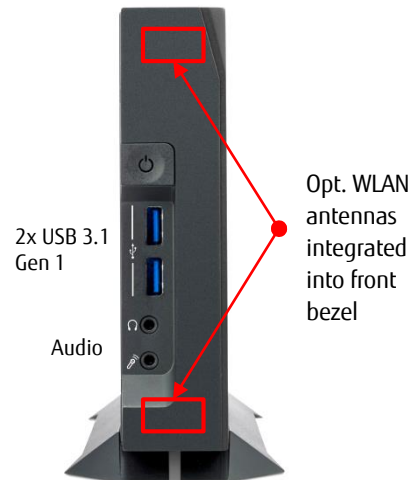
- Mini-ITX [D3433-S](#) and [D3434-S](#)
- MINI-ITX [D3633-S](#) and [D3634-S](#)
- 12V DC in, lockable
- 52x250x191mm (2.48l)
- 2,5" drive bay for HDD/SSD with cooler
- Low profile PCIe x4 via optional riser card
- Option for internal 65W PSU
- Wall mount, stands

SMARTCASE™ S500 designed for Intel mini-STX [D3544-S](#)

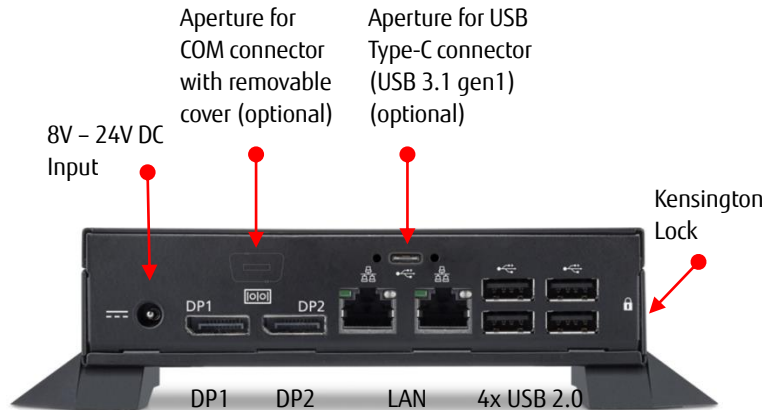


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Front Connectivity



Rear Connectivity



Approvals and 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)

Cooling Solution



Passive Cooler
10 W GLK



Active Cooler
10 W GLK

Additional Accessories



USB Typ-C extension cable
(optional)



COM Cable w/o bracket
(optional)



AC Adapter 40W/65W



DC in locker
(optional)



VESA mount
kit



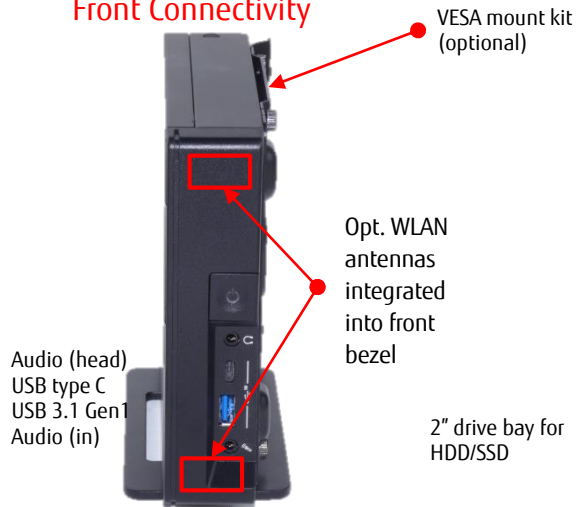
M.2 WiFi Kit

SMARTCASE™ S520 designed for Intel mini-STX D3654-B



FUJITSU

Front Connectivity



Rear Connectivity



Approvals and Certifications

- Mainboard D3654-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)

Additional Accessories



AC Adapter 40W/65W



DC in locker (tbd.)



VESA mount kit



M.2 WiFi Kit

SMARTCASE™ S700 designed for Intel mini-ITX [D3543-S](#)



FUJITSU

Front Connectivity



Rear Connectivity



Approvals and Certifications

- Mainboard D3543-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)

Cooling Solution



Passive Cooler
10 W GLK



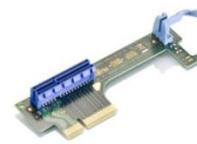
Active Cooler
10 W GLK



Internal 65W PSU



USB Typ-C extension cable



Risercard PCIe x4

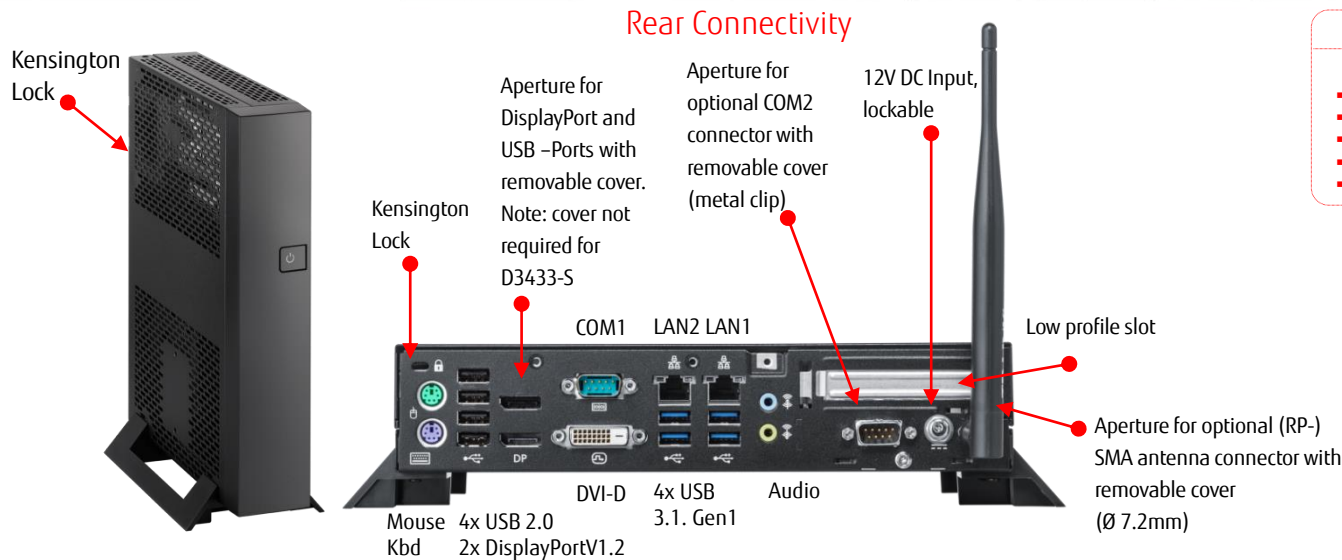


AC Adapter 40W/65W



DC in locker
(optional)

SMARTCASE™ S720 designed for Intel mini-ITX [D343x-S](#)



- Approvals and Certifications**
- Mainboards D343x-S certified for MS Windows 7, 8.1, 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

D3434-S:



Kbd 1x DisplayPort V1.2 DVI-D 2x USB 2.0 2x USB 3.0 Audio

D3433-S:



Kbd 2x DisplayPort V1.2 DVI-D 4x USB 3.0 Audio

Cooling Solution



1U active heatsink (up to 35W TDP)

Additional Accessories



Internal 65W PSU



COM Cable (optional)



Risercard PCIe x4



Serial Port Cable "ATX Slotbracket"



Mini PCIe to M.2 Adapter



AC Adapter 65W @ 19V

Industrial Applications



Industry / Automation

PROSOFT



EXTRA Computer



kontron



Perfect Industrial IT **TL** electronic



S.I.E



CHASSIS PLANS
Systems Engineered to Perform



ASEM



DEWETRON Test & Measurement Solutions



marel



KUKA



CAPTEC



SIEMENS



Industrial Applications



FUJITSU

KIOSK / PoS

SIGMA



ADVANCE

COFFETEK LIMITED



APPLE INDUSTRIES



ALMEX



DM



elephant



MARQUES

PUNDBIU



SCHEIDT&BACHMANN SB



Fortech
IL FUTURO DELLA TUA STAZIONE DI SERVIZIO



DHL



PROSA.com



Industrial Applications



FUJITSU

Gaming

DR GAMING TECHNOLOGY

gambee
Gaming Equipment

psmtec

RAW THRILLS

Roulette

TEAM PLAY

NOVOMATIC
GAMING SPAIN
●●● GiGames
NOVOMATIC GROUP

REVOLTEX
time for revolution

SEGA

ZOOM
INNOVATIVE GAMING SYSTEMS

Multimedia

ALLEN & HEATH



EDM
World class solutions



Building Automation

GIRA



Video / Vision

GEUTEBRÜCK
Excellence in Video Security



INFORM
SCITM Group



Dallmeier

Industrial Applications



FUJITSU

Medical Equipment



WORTMANN AG
IT - Made in Germany



Baaske
Medical



Roche
Diagnostics



rein medical



SENSPEC
SPECTRAL MONITORING SYSTEMS



Dentsply
Sirona

STORZ
KARL STORZ - ENDOSKOPE



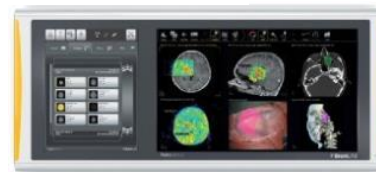
d.metrix



S-CAPE



BrainLAB




Industrial Applications



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Digital Signage





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shaping tomorrow with you