

# Inform

## ECN Overview

### D3641-S / D3646-S

### Industrial (μ)ATX Mainboard

ECN-No. SBOEM-D364xS-241019

Reason for ECN: Change from "Fujitsu" model to "Kontron" model (updated PCB)  
Updated TPM FW in order to enable new MS WHQL certifications

Current Part No. / Revision	New Part No. / Revision
D3641-S12 / GS1	D3641-S13 / GS1
D3646-S10 / GS1	D3646-S11 / GS1

#### Shipping details:

Initial shipment of new versions D3641-S13 / D3646-S11 expected within Q1/2020

#### Released Operating Systems:

Mainboard Version	Win 7-32	Win 7-64	Win 8.1-32	Win 8.1-64	Win 10 -64	Windows Server 2008 R2 (64)	Windows Server 2012 R2 (64)	Windows Server 2016 (64)
D3641-S D3646-S	--	--	---	--	X	---	---	---

#### Released Drivers (MS Windows 10)

[ftp://ftp.kontron.com/Products/Mainboards/Industrial&ExtendedLifetime/D3674-B\\_ThinMini-ITX/Drivers\\_D36xx/](ftp://ftp.kontron.com/Products/Mainboards/Industrial&ExtendedLifetime/D3674-B_ThinMini-ITX/Drivers_D36xx/)

[Link updated to Kontron FTP Server]

#### Released BIOS Versions:

Initial released BIOS for D3641-S: BIOS R1.2.0

Initial released BIOS for D3646-S: BIOS R1.2.0

Further BIOS ECN details are available here:

[ftp://ftp.kontron.com/Products/Mainboards/Industrial&ExtendedLifetime/D364x-S/BIOS\\_D364x-S/](ftp://ftp.kontron.com/Products/Mainboards/Industrial&ExtendedLifetime/D364x-S/BIOS_D364x-S/)

[Link updated to Kontron FTP Server]

### Industrial Mainboard D3641-S:

Mainboard	Version	Features	Reason for ECN	ECN Date
D3641-S	D3641-S12 GS1	iC246 Industrial µATX	Initial Launch	10/2018
	D3641-S13 GS1		Change from "Fujitsu" model to "Kontron" model (=updated PCB) Updated TPM FW: Mandatory for upcoming MS Windows WHQL certifications. No functional HW changes! No influence on Safety / EMC approvals!	10/2019

### Industrial Mainboard D3646-S:

Mainboard	Version	Features	Reason for ECN	ECN Date
D3646-S	D3646-S10 GS1	iC246 Industrial ATX	Initial Launch	10/2018
	D3646-S11 GS1		Change from "Fujitsu" model to "Kontron" model (=updated PCB) Updated TPM FW: Mandatory for upcoming MS Windows WHQL certifications. No functional HW changes! No influence on Safety / EMC approvals!	10/2019

Date	Revision Overview
10/2019	Revision Update D3641-S12→-S13 / D3646-S10 → -S11
12/2018	Launch D3641-S12 / D3646-S10 with revision: GS1