

SIEMENS

SIMATIC

S7-1200

S7-1200 Firmware update V4.6

Product Information

Description

This firmware update provides the following feature improvements and functional changes:

- Increased work memory for S7-1200 CPUs:
 - CPU 1211C is now 75 Kbytes.
 - CPU 1212C is now 100 Kbytes.
 - CPU 1214C is now 150 Kbytes.
 - CPU 1215C is now 200 Kbytes.
 - CPU 1217C is now 250 Kbytes.
 - CPU 1212FC is now 150 Kbytes.
 - CPU 1214FC is now 200 Kbytes.
 - CPU 1215FC is now 250 Kbytes.
- The CPU disables SNMP by default.

Follow the links provided below for information on previous firmware update versions:

- V4.5.2 (<https://support.industry.siemens.com/cs/ww/en/view/109806180>)
- V4.5.1 (<https://support.industry.siemens.com/cs/ww/en/view/109800925>)
- V4.5.0 (<https://support.industry.siemens.com/cs/ww/en/view/109797782>)
- V4.4.1 (<https://support.industry.siemens.com/cs/ww/en/view/109780308>)
- V4.4.0 (<https://support.industry.siemens.com/cs/ww/en/view/109773087>)
- V4.3.1 (<https://support.industry.siemens.com/cs/ww/en/view/109767000>)
- V4.3.0 (<https://support.industry.siemens.com/cs/ww/en/view/109764327>)
- V4.2.3 (<https://support.industry.siemens.com/cs/ww/en/view/109760967>)
- V4.2.2 (<https://support.industry.siemens.com/cs/ww/en/view/109756819>)
- V4.2.1 (<https://support.industry.siemens.com/cs/ww/en/view/109746398>)
- V4.2.0 (<https://support.industry.siemens.com/cs/ww/en/view/109741628>)
- V4.1.3 (<https://support.industry.siemens.com/cs/ww/en/view/109479125>)
- V4.1.2 (<https://support.industry.siemens.com/cs/ww/en/view/109478025>)
- V4.1.1 (<https://support.industry.siemens.com/cs/us/en/view/109550831>)

Required user action

You can update the CPU firmware using one of the following methods:

- The Web server
- The Online & diagnostics functions of STEP 7
- The SIMATIC Automation Tool
- A SIMATIC Memory Card that contains the firmware update file from the Siemens Industry Online Support site

The S7-1200 System Manual and the SIMATIC Automation Tool User Guide document these methods.

After you apply the CPU firmware update, verify that your application operates as expected.

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept.

Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

For additional information on industrial security measures that may be implemented, please visit <https://www.siemens.com/industrialsecurity>.

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customers' exposure to cyber threats.

To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed visit <https://www.siemens.com/cert>.

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