

ETAS RTPC V6.5.2

Hardware Compatibility List

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ETAS RTPC V6.5.2 – Hardware Compatibility List R01 EN – 03.2022

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1 About this Document

This document is intended for all users who install and maintain ETAS RTPC on a target PC. It contains information about the minimum hardware requirements for installing ETAS RTPC V6.5.2 and lists a few released PCs on which ETAS RTPC V6.5.2 has been tested deeply before release.

Although ETAS RTPC V6.5.2 runs on most Intel® processor-based PCs, ETAS strongly recommends using the released PCs. ETAS can only ensure high quality support when these PCs are used.

To install ETAS RTPC V6.5.2, refer to the “Installation” section on the “ETAS RTPC V6.5.2 - User Guide” document (<http://192.168.40.14/documentation/>).

This document consists of the following chapters:

- “About this Document” on page 4
This chapter contains the details about the current document, document conventions, and safety instructions.
- “Hardware Requirements of ETAS RTPC” on page 6
This chapter contains information on the minimum hardware requirements for installing ETAS RTPC.
- “Released PCs for ETAS RTPC” on page 7
This chapter contains information on released PCs for ETAS RTPC.
- “Contact Information” on page 9
This chapter contains information on ETAS contact details.

1.1 Classification of Safety Messages

The safety messages used here warn of dangers that can lead to personal injury or damage to property:



DANGER

indicates a hazardous situation with a high risk of death or serious injury if not avoided.



WARNING

indicates a hazardous situation of medium risk, which could result in death or serious injury if not avoided.



CAUTION

indicates a hazardous situation of low risk, which may result in minor or moderate injury if not avoided.

NOTICE

indicates a situation, which may result in damage to property if not avoided.

1.2 Presentation of Instructions

The target to be achieved is defined in the heading. The necessary steps for his are listed in a step-by-step guide:

Target definition

1. Step 1
 2. Step 2
 3. Step 3
- Result

1.3 Typographical Conventions

Software

<code>OCI_CANTxMessage msg0</code>	= Code snippets are presented in the Courier font. Meaning and usage of each command are explained by means of comments. The comments are enclosed by the usual syntax for comments.
Choose File > Open .	Menu commands are shown in boldface.
Click OK .	Buttons are shown in boldface.
Press <code><ENTER></code> .	Keyboard commands are shown in angled brackets in small caps.
The "Open File" dialog box is displayed.	Names of program windows, dialog boxes, fields, etc. are shown in quotation marks.
Select the file <code>setup.exe</code>	Text in drop-down lists on the screen, program code, as well as path- and file names are shown in the Courier font.
A <i>distribution</i> is always a one-dimensional table of sample points.	General emphasis and new terms are set in italics.

1.4 Presentation of Supporting Information



NOTE

Contains additional supporting information.

2 Hardware Requirements of ETAS RTPC

ETAS RTPC is compatible with most standard PCs. To run the software, the following requirements must be fulfilled:

Processor	Intel® Xeon® family Intel® Core™ i family Intel® Core™ 2 family (Duo and Quad)
Ethernet adapter for the connection to the user PC	All Ethernet adapters supported by Linux kernel 3.18
Ethernet adapter for the connection to the ES1130	All Ethernet adapters supported by Linux kernel 3.18 For example - Intel® PRO/100 card S, revision 12 (0C) or later - Intel® PRO/1000 family - Intel® PRO/1000 PT Quad Port Server Adapter - Intel® Gigabit CT Desktop Adapter
RAM	Min. 4 GB, 8 GB or more is recommended
Hard Disk	IDE or SATA, min. 250 GB
Graphic	VGA compatible
Monitor	Required only for basic installation
Keyboard	PS/2 or USB, required only for basic installation
CD-ROM drive	IDE, SATA or USB, required only for basic installation (bootable)
Operating system	Not necessary



NOTE

During ETAS RTPC operation, success/error messages are emitted in the form of sound. If your PC does not have an output device for acoustic signals, you can access information on the current status via the web interface (refer to the section, "The Web Interface" on the "ETAS RTPC V6.5.2 - User Guide" document (<http://192.168.40.14/documentation/>))

3 Released PCs for ETAS RTPC

The following list contains the released PCs for ETAS RTPC.

For more details on the product, refer to the respective user manual (<http://192.168.40.14/documentation/>).



NOTE

Before using the current version of ETAS RTPC, upgrade the RTPC hardware at least to 4 GB RAM, in case any RTPC hardware which was delivered earlier with less than 4GB RAM. Else, using the current version is neither recommended nor supported.

- **ETAS TP_RTPC_3U.4: LABCAR RTPC in 3U Housing**
 - Intel® Core™ i7-3770 (4x 3.40GHz) Processor
 - 8GB DDR3-SDRAM
 - Supermicro® X9SAE-V ATX Mainboard: 6x PCIe Slots, 1x PCI Slot, 2x Intel® Gigabit Ethernet
 - 500 GB SATA HDD

- **ETAS TP_RTPC_3U.5: LABCAR RTPC in 3U Housing**
 - Intel® Xeon® W-2123 (4x 3.60GHz) Processor
 - 16GB DDR4-SDRAM
 - Fujitsu D3598-B ATX Mainboard: 7x PCIe Slots, 2x Intel® Gigabit Ethernet
 - 500 GB SATA HDD

- **ETAS ES5100.1: Desktop Housing with integrated Breakout Box**
 - Intel® Core™ i7-4770S (4x 3.10GHz) Processor
 - 8GB DDR3-SDRAM
 - Supermicro® X10SQL microATX Mainboard: 3x PCIe Slots, 2x Intel® Gigabit Ethernet
 - 500 GB SATA HDD

- **ETAS ES5300.1-A: System Housing for HIL**
 - ASUS® P8C WS ATX Mainboard
 - Intel® Core™ i7-3770 (4x 3.40GHz) Processor
 - 4GB DDR3-SDRAM
 - ASUS® P8C WS ATX Mainboard: 5x PCIe Slot, 1x PCI Slot, 2x Intel® Gigabit Ethernet
 - 500 GB SATA HDD
 - Fujitsu D3348-B ATX Mainboard
 - Intel® Xeon® E5-1620 V3 (4x 3.50GHz) or Intel® Core™ i7-6900K (8x 3.20GHz) Processor
 - 8GB DDR4-SDRAM
 - Fujitsu D3348-B ATX Mainboard: 7x PCIe Slot, 2x Intel® Gigabit Ethernet
 - 500 GB SATA HDD

- **ETAS ES5300.2-A: System Housing for HIL**
 - Intel® Xeon® W-2123 (4x 3.60GHz) or Intel® Xeon® W-2145 (8x 3.70GHz) Processor
 - 8GB or 16GB DDR4-SDRAM
 - Fujitsu D3598-B ATX Mainboard: 7x PCIe Slots, 2x Intel® Gigabit Ethernet

4 Contact Information

ETAS Headquarters

ETAS GmbH

Borsigstraße 24

70469 Stuttgart

Germany

Phone: +49 711 3423-0

Fax: +49 711 3423-2106

Internet: www.etas.com

ETAS Subsidiaries and Technical Support

For details of your local sales office as well as your local technical support team and product hotlines, take a look at the ETAS website:

ETAS subsidiaries Internet: www.etas.com/en/contact.php

ETAS technical support Internet: www.etas.com/en/hotlines.php