Features

- In-circuit debugger/programmer with industry standard JTAG-SWD application board interface and USB connection to the host PC.
- Raisonance’s unlimited development tool for STM32, STR7 and STR9.
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- Raisonance’s unlimited development tool for STM32, STR7 and STR9.
- Unlimited, optimizing GNU C/C++ compiler.

Description

The RLink Professional (STX-PRO/RAIS) provides unlimited programming, compiling and real-time debugging of 32-bit STMicroelectronics ARM Cortex™-M, ARM7TDMI® and ARM9E™ core based microcontrollers.

The tool contains everything required to develop STM32 and STR7/9 applications including an in-circuit debugger/programmer, free downloadable Raisonance IDE (Ride7) with GNU C/C++ compiler (available at www.raisonance.com).

The STX-PRO/RAIS does not include trace support for ARM® core-based with embedded Trace Microcell™ such as STR9.
Development tool key features

Raisonance RLink in-circuit debugger/programmer

- USB host PC interface
- Industry standard JTAG-SWD application interface
- RLink also includes a SWIM-ICC connection adapter for in-circuit debugging/programming of 8-bit STM8 and ST7 microcontroller families.

Raisonance integrated development environment (Ride7)

Ride7 drives the RLink in-circuit debugger/programmer.
- Unlimited version
- Seamless control of GNU C/C++ toolset
- High-level language debugger
- SIMICE simulator for STM32, STR7 and STR9
- Color syntax highlighting editor and Project manager
- Ride7 also supports application development and debugging of the 8-bit STM8 and ST7 microcontroller families. Ride7 provides the same seamless integration of compilers and assemblers for these families and supports a range of debugging tools and emulators.

Ordering information

Raisonance development tools can be ordered from your nearest ST Distributor or sales office or from Raisonance (www.raisonance.com).

<table>
<thead>
<tr>
<th>Table 1. Order code</th>
<th>Order code</th>
<th>In-circuit debugger/programmer</th>
<th>Integrated development environment</th>
<th>C/C++ compiler</th>
</tr>
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<tbody>
<tr>
<td>STX-PRO/RAIS</td>
<td>Unlimited RLink (no trace)</td>
<td>Ride7</td>
<td>GNU C/C++</td>
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For more information, documentation and downloads, refer to www.raisonance.com or the STMicroelectronics microcontroller support site, www.st.com.
### Table 2. Document revision history

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
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<tbody>
<tr>
<td>27-Jun-2006</td>
<td>1</td>
<td>Initial release.</td>
</tr>
<tr>
<td>23-Oct-2008</td>
<td>2</td>
<td>Updated to include STM32, STM8 and SWIM.</td>
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<tr>
<td>07-Dec-2012</td>
<td>3</td>
<td>Updated to feature just STX-PRO/RAIS</td>
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