

GNU GCC

The following GNU GCC compilers are supported:

- GNU GCC 4.0.x
- GNU GCC 4.0.x (x86_64)
- GNU GCC 4.1.x
- GNU GCC 4.1.x (x86_64)
- GNU GCC 4.2.x
- GNU GCC 4.2.x (x86_64)
- GNU GCC 4.3.x
- GNU GCC 4.3.x (x86_64)
- GNU GCC 4.4.x
- GNU GCC 4.4.x (x86_64)
- GNU GCC 4.5.x
- GNU GCC 4.5.x (x86_64)
- GNU GCC 4.6.x
- GNU GCC 4.6.x (x86_64)
- GNU GCC 4.7.x
- GNU GCC 4.7.x (x86_64)
- GNU GCC 4.8.x
- GNU GCC 4.8.x (x86_64)
- GNU GCC 4.9.x
- GNU GCC 4.9.x (x86_64)
- GNU GCC 5.x
- GNU GCC 5.x (x86_64)
- GNU GCC 6.x
- GNU GCC 6.x (x86_64)
- GNU GCC 7.x
- GNU GCC 7.x (x86_64)

See [GCC Support](#) for additional information about usage and known limitations.

GNU GCC 4.0.x

- Compiler acronym: gcc_4_0
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.0.x (x86_64)

- Compiler acronym: gcc_4_0-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.1.x

- Compiler acronym: gcc_4_1
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.1.x (x86_64)

- Compiler acronym: gcc_4_1-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.2.x

- Compiler acronym: gcc_4_2
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.2.x (x86_64)

- Compiler acronym: gcc_4_2-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.3.x

- Compiler acronym: gcc_4_3
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.3.x (x86_64)

- Compiler acronym: gcc_4_3-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.4.x

- Compiler acronym: gcc_4_4
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.4.x (x86_64)

- Compiler acronym: gcc_4_4-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.5.x

- Compiler acronym: gcc_4_5
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.5.x (x86_64)

- Compiler acronym: gcc_4_5-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.6.x

- Compiler acronym: gcc_4_6
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.6.x (x86_64)

- Compiler acronym: gcc_4_6-64
- Host OS: Linux
- Supported practices: Full support

- Support level: [Extended](#)

GNU GCC 4.7.x

- Compiler acronym: gcc_4_7
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.7.x (x86_64)

- Compiler acronym: gcc_4_7-64
- Host OS: Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.8.x

- Compiler acronym: gcc_4_8
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.8.x (x86_64)

- Compiler acronym: gcc_4_8-64
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.9.x

- Compiler acronym: gcc_4_9
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 4.9.x (x86_64)

- Compiler acronym: gcc_4_9-64
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 5.x

- Compiler acronym: gcc_5
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 5.x (x86_64)

- Compiler acronym: gcc_5-64
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 6.x

- Compiler acronym: gcc_6

- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 6.x (x86_64)

- Compiler acronym: gcc_6-64
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 7.x

- Compiler acronym: gcc_7
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

GNU GCC 7.x (x86_64)

- Compiler acronym: gcc_7-64
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

About Support Levels

- **Extended:** Support has been validated with extended testing and is approved for use in safety-critical software development.
- **Standard:** Support has been validated with standard testing and is approved for use in non-safety critical software development.