

# 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.