

# Texas Instruments

The following Texas Instruments compilers are supported:

- [TI ARM C/C++ Compiler v18.1](#)
- [TI ARM C/C++ Compiler v5.1.x](#)
- [TI ARM C/C++ Compiler GNU GCC 7.x](#)
- [TI TMS320C2000 C/C++ Compiler v16.9](#)
- [TI TMS320C2000 C/C++ Compiler v18.1](#)
- [TI TMS320C6x C/C++ Compiler v7.4](#)
- [TI TMS320C6x C/C++ Compiler v8.2](#)
- [TI MSP430 C/C++ Compiler v18.1](#)
- [TI MSP430 C/C++ Compiler GNU GCC 6.x](#)
- [Deprecated Compilers](#)
  - [TI TMS320C2000 C/C++ Compiler v6.2](#)
  - [TI TMS320C6x C/C++ Compiler v7.3](#)
  - [TI MSP430 C/C++ Compiler v4.0](#)

## TI ARM C/C++ Compiler v18.1

- Compiler acronym: `tiarm_18_1`
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

## TI ARM C/C++ Compiler v5.1.x

- Compiler acronym: `tiarm_5_1`
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Extended](#)

Support for TMS570LSx platforms is included with TMS470 v4.9 and ARM v5.1.

## TI ARM C/C++ Compiler GNU GCC 7.x

- Compiler acronym: `tiarmgcc_7`
- Host OS: Windows, Linux
- See [GCC Support](#) for additional information about GCC-based compilers
- Supported practices: Full support
- Support level: [Standard](#)

## TI TMS320C2000 C/C++ Compiler v16.9

- Compiler acronym: `tic2000_16_9`
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

## TI TMS320C2000 C/C++ Compiler v18.1

- Compiler acronym: `tic2000_18_1`
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

## TI TMS320C6x C/C++ Compiler v7.4

- Compiler acronym: `tic6000_7_4`
- Host OS: Windows
- Supported practices: Full support
- Support level: [Standard](#)

## TI TMS320C6x C/C++ Compiler v8.2

- Compiler acronym: tic6000\_8\_2
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

## TI MSP430 C/C++ Compiler v18.1

- Compiler acronym: tmsp430\_18\_1
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

## TI MSP430 C/C++ Compiler GNU GCC 6.x

- Compiler acronym: tmsp430gcc\_6
- Host OS: Windows, Linux
- See [GCC Support](#) for additional information about GCC-based compilers
- Supported practices: Full support
- Support level: [Standard](#)

## Deprecated Compilers

The following compiler configurations are now deprecated:

### TI TMS320C2000 C/C++ Compiler v6.2

- Compiler acronym: tic2000\_6\_2
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

### TI TMS320C6x C/C++ Compiler v7.3

- Compiler acronym: tic6000\_7\_3
- Host OS: Windows, Linux
- Supported practices: Full support
- Support level: [Standard](#)

### TI MSP430 C/C++ Compiler v4.0

- Compiler acronym: tmsp430\_4\_0
- Host OS: Windows
- Supported practices: Full support
- Support level: [Extended](#)

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## 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.