

New! μ C/OS for Makers

Features

μ C/OS-III®

- Preemptive multitasking real-time kernel with optional round robin scheduling.

μ C/TCP-IP™

- Compact, reliable, high-performance TCP/IP protocol stack, optimized for embedded systems. Features dual IPv4 and IPv6 support.

μ C/USB-Device™

- Compact, reliable, high-performance stack designed for embedded systems equipped with a USB device controller.

μ C/USB-Host™

- Real-time USB host software stack designed for embedded systems equipped with a USB host or OTG controller. It includes many class drivers (MSC, HID and CDC ACM).

μ C/Modbus™

- Embedded solution for implementing Modbus, an industrial communications protocol used for connecting industrial electronic devices.

μ C/FS™

- Compact, reliable, high-performance and thread-safe embedded file system for microprocessors, microcontrollers and DSPs.

μ C/Probe™

- Graphically visualizes the internals of any embedded system effortlessly, with just a few mouse clicks.

You Deserve the Best RTOS

And now, **makers** and pre-revenue **start-ups** can use our commercial real-time operating system for free.

μ C/OS for Makers lets you design-in Micrium's industry-leading RTOS at no cost: proven, reliable and comes with extensive documentation, sample projects and support videos.

μ C/OS is ideally suited to all embedded vertical markets, with some certifiable to meet rigorous safety-critical standards for industries such as medical electronics, avionics and industrial products

Micrium μ C/OS

Our flagship μ C/OS family is recognized for:

- #1 commercial RTOS according to UBM Electronics Group 2015 Embedded Markets Study
- Unparalleled reliability, performance and dependability
- Impeccable source code
- Industry-leading documentation (doc.micrium.com)

Included Components

- μ C/OS-III
- μ C/TCP-IP
- μ C/USB-Device
- μ C/USB-Host
- μ C/Modbus
- μ C/FS

Included Tools

- μ C/Probe

µC/OS Licensing Options

| License Type | Makers & Start-ups | Partners & Design Houses | Education | Commercial |
|--|--|---|---|---|
| Who Qualifies | Private home use / <\$100K revenue / <\$1M funding | Micrium Certified Partners | Students and educators at accredited educational institutions | Companies >\$100K revenue or >\$1M in funding |
| Cost | \$0 (registration required) and rights to name as customer | \$0 for proof of concepts (registration required), contribute ports and drivers | \$0 (registration required) | License cost varies by type; royalty-free |
| µC/OS-III | ✓ | ✓ | ✓ | ✓ |
| µC/TCP-IP | ✓ | ✓ | ✓ | ✓ |
| µC/USB-Device | ✓ | ✓ | ✓ | ✓ |
| µC/USB-Host | ✓ | ✓ | ✓ | ✓ |
| µC/Modbus | ✓ | ✓ | ✓ | ✓ |
| µC/FS | ✓ | ✓ | ✓ | ✓ |
| µC/Can | | | | ✓ |
| µC/GUI | | | | ✓ |
| µC/BuildingBlocks | | | | ✓ |
| µC/Probe | ✓ | ✓ | ✓ | ✓ |
| Documentation | ✓ | ✓ | ✓ | ✓ |
| Videos | ✓ | ✓ | ✓ | ✓ |
| Free Training Seminars | Space permitting | ✓ | ✓ | ✓ |
| Training Materials / In-class training | | | ✓ | |
| One-Year Product Protection Plan | | | | ✓ |

Ported to Over 50 Architectures



For a complete list of current architectures supported, visit www.micrium.com; contributed ports and drivers are welcome.