

WaveRunner 8000-R

1 GHz to 4 GHz
Low-Profile Oscilloscope



Key Features

Low-profile design - <2U (3.5")

1, 2.5, and 4 GHz bandwidths

Up to 40 GS/s sample rate

Deep Memory - up to 128 Mpts

Fully software-compatible with the WaveRunner 8000

Remote connectivity via LAN, USBTMC, and GPIB (optional)

Rackmount kit and removable SSD standard

Same powerful, deep toolbox of WaveRunner 8000 oscilloscopes

Support for ProBus active probes

WaveRunner 8000-R oscilloscopes utilize the WaveRunner 8000 acquisition system to provide a high-performance, 4 GHz oscilloscope in a convenient, low-profile form factor.

Low-Profile Form Factor

The WaveRunner 8000-R models provide a convenient form factor for a 4 GHz oscilloscope. The compact design has a height of less than 2U (3.5", 8.89 cm) and includes a standard rackmount kit, easily lending itself to be installed in an automated test environment.

Powerful, Deep Toolbox

Unlike most digitizing systems the WaveRunner 8000-R provides the powerful, deep toolbox that is expected in a Teledyne LeCroy oscilloscope. The full range of the WaveRunner 8000's analysis capability is available; including an array of serial protocol analysis packages and application specific packages.

Easily Transition Test Programs

The WaveRunner 8000-R models are fully software-compatible with their WaveRunner 8000 counterparts. Development can be conducted with the assistance of the front panel and display of the WaveRunner 8000 and then seamlessly transitioned to automated testing.

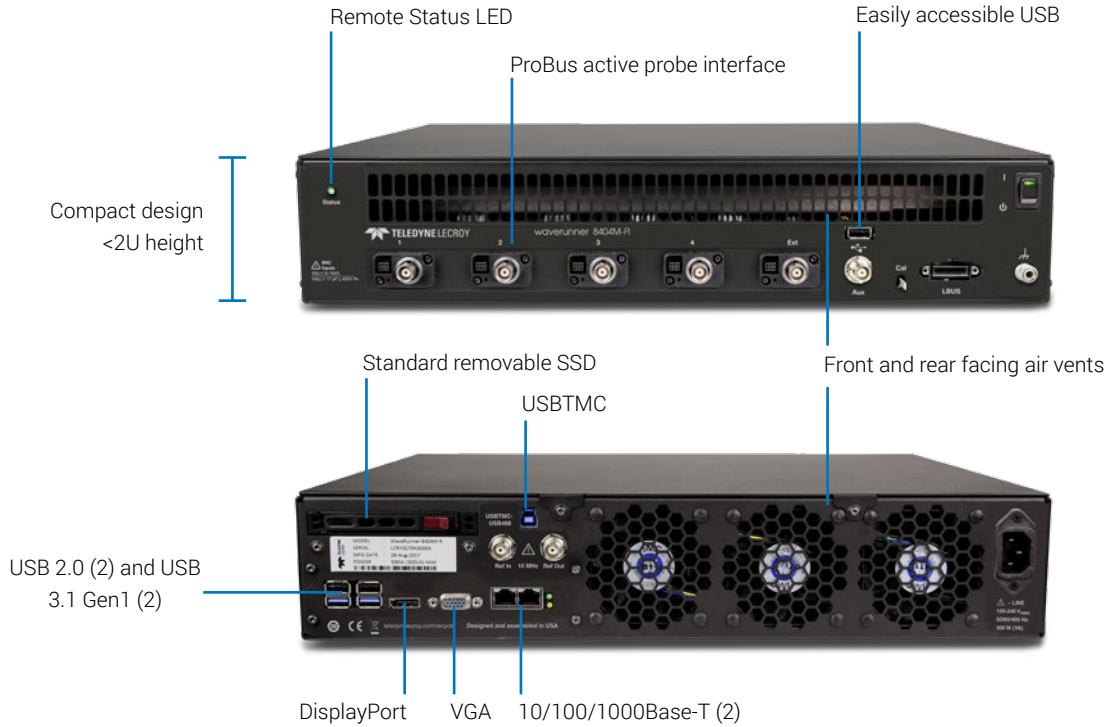
Flexible Connectivity Options

A variety of remote connectivity options – LAN, USBTMC, and GPIB (with optional adapter) – offer flexibility when connecting to the WaveRunner 8000-R. Teledyne LeCroy's free WaveStudio software is a fast and easy way to analyze acquired waveforms off-line, or remotely control an oscilloscope from your desktop.

Learn more about the WaveRunner8000 family:

teledynelecroy.com/wr8000

SPECIFICATIONS & ORDERING INFORMATION



Specifications

Physical Dimensions

| | |
|------------------|---|
| Dimensions (HWD) | 3.41" x 17.52" x 17.52" (86.5 x 445 x 445 mm) |
| Weight | 16.4 lbs. (7.4 kg) |

Interface

| | |
|-----------------------|--|
| Remote Control | Via Windows Automation or Teledyne LeCroy Remote Command Set |
| Network Communication | VXI-11 or VICP, LXI Class C (v1.2) Compliant |
| Ethernet Port | Qty 2, 10/100/1000Base-T Ethernet (RJ45 port) |
| USB | Rear: 2 USB 3.1 Gen1, 2 USB 2.0; Front: 1 USB 2.0 |
| USB Device Port | 1 port - USBTMC |
| External Monitor Port | 1 full-size DisplayPort and VGA |

Processor/CPU

| | |
|------------------|-------------------------------------|
| Type | Intel® Celeron, 1.4 GHz (or better) |
| Processor Memory | 8 GB standard |

For full specification listing, see
WaveRunner8000 datasheet

Customer Service

Teledyne LeCroy oscilloscopes and probes are designed, built, and tested to ensure high reliability. In the unlikely event you experience difficulties, our digital oscilloscopes are fully warranted for three years and our probes are warranted for one year. This warranty includes:

- No charge for return shipping
- Long-term 7-year support
- Upgrade to latest software at no charge



1-800-5-LeCroy
teledynelecroy.com

Local sales offices are located throughout the world.
Visit our website to find the most convenient location.

Ordering Information

Product Description

| | |
|---|--------------------|
| 1 GHz, 10 GS/s, 4ch, 16 Mpts/Ch, 2U form factor Oscilloscope. 20 GS/s, 32 Mpts/Ch in interleaved mode. | WaveRunner 8104-R |
| 2.5 GHz, 20 GS/s, 4ch, 64 Mpts/Ch, 2U form factor Oscilloscope. 40 GS/s, 128 Mpts/Ch in interleaved mode. | WaveRunner 8254M-R |
| 4 GHz, 20 GS/s, 4ch, 64 Mpts/Ch, 2U form factor Oscilloscope. 40 GS/s, 128 Mpts/Ch in interleaved mode. | WaveRunner 8404M-R |

Included with Standard Configurations

- ÷10, 500 MHz Passive Probe (Qty. 4)
- Getting Started Guide
- Rackmount kit
- Removable SSD
- Anti-virus Software (Trial Version)
- Microsoft Windows® 7 Professional Edition (64-bit)
- Commercial NIST Traceable Calibration with Certificate
- Power Cable for the Destination Country
- 3-year Warranty