

# **Agilent N2739A 1000 Series Oscilloscope Rack Mount Kit**

## **Installation Guide**



**Agilent Technologies**

# Notices

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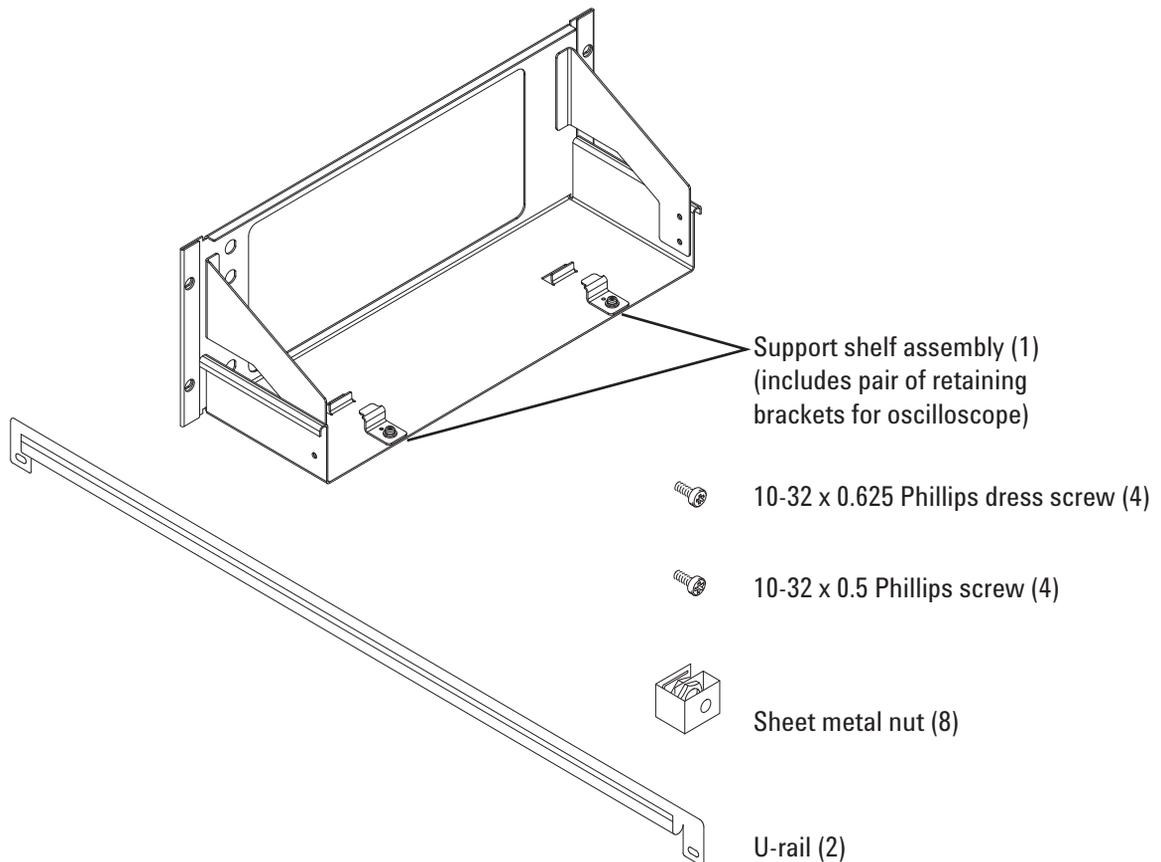
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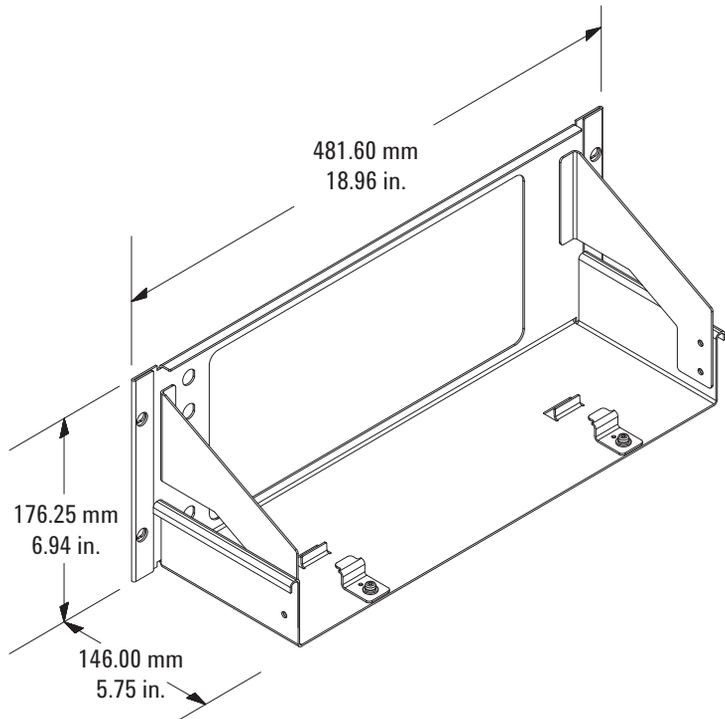
## In This Guide...

This guide contains instructions for installing the 1000 Series Oscilloscope Rack Mount Kit. The rack mount kit provides a support shelf and hardware for mounting Agilent 1000 Series oscilloscopes into Electronic Industries Association (EIA) standard 19-inch (487-mm) rack cabinets.

The rackmount kit includes the following parts:



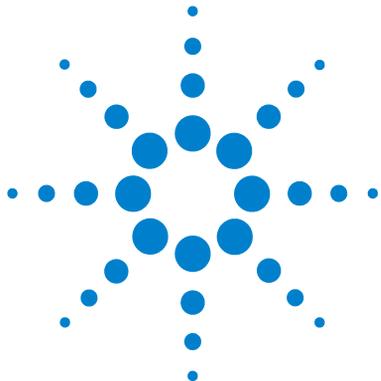
Here are the dimensions of the support shelf.



### Support Shelf Front Holes

There are holes in the front of the support shelf for cabling, etc. Neither hole plugs nor BNC feed-throughs are provided, but they may be acquired separately.

- Hole plugs can be ordered from Agilent using the part number: 6960-0041
- BNC feed-throughs, for example 1026-000-N591 from Delta Electronics, can be ordered through various electronics distributors.



## Installation

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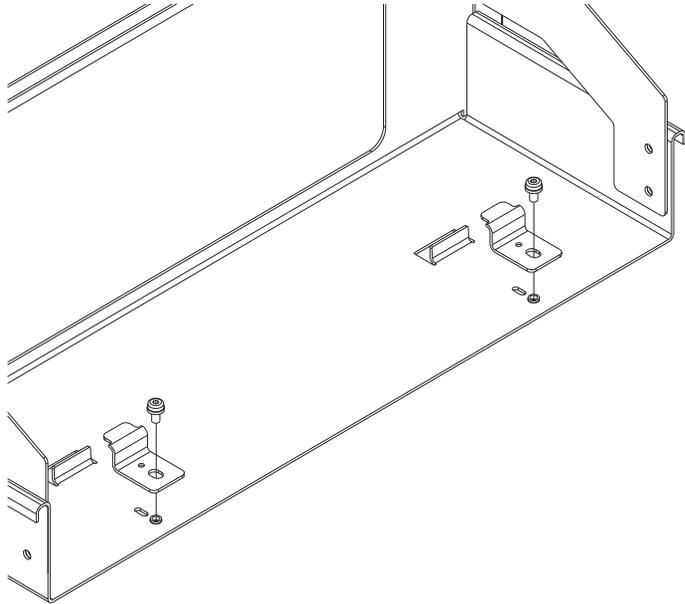
You need the following tools to install the rackmount kit:

- T20 TORX driver.
- #2 Phillips screwdriver.



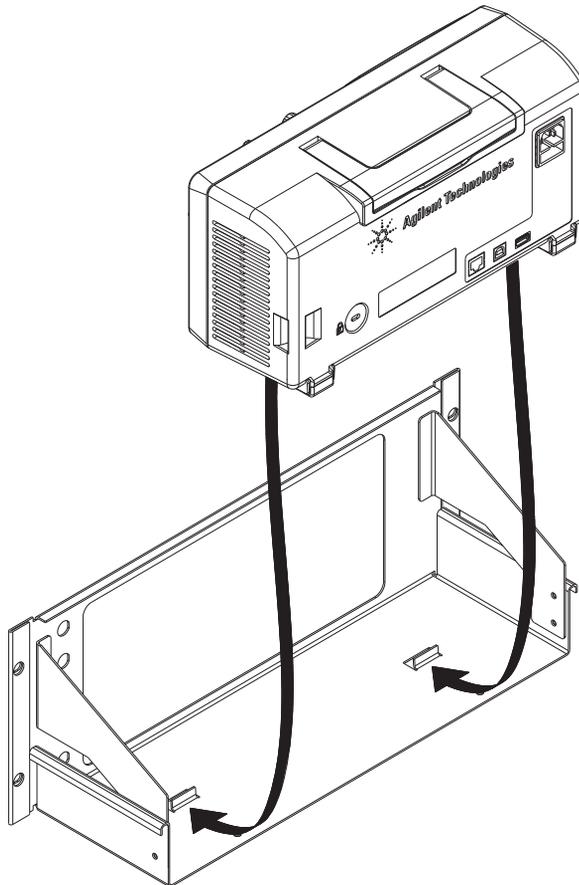
## Prepare the support shelf

- 1 Remove the screws that secure the two retaining brackets. Set the screws and brackets aside.



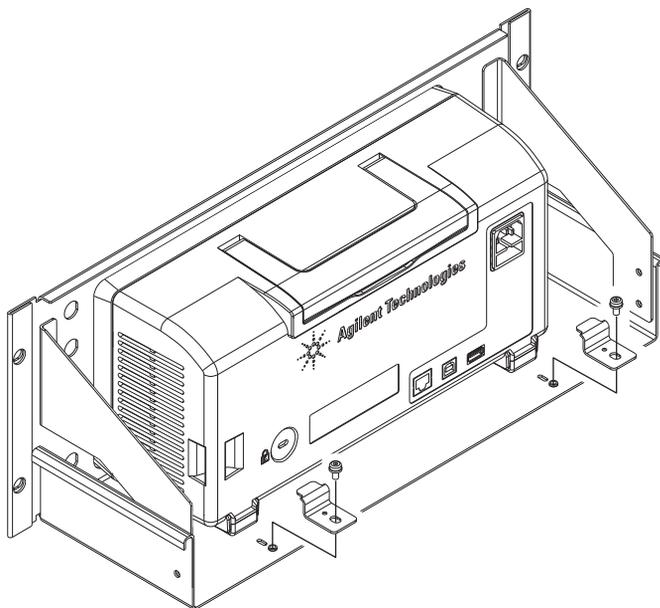
## Attach the oscilloscope to the support shelf

- 1 Place the oscilloscope on the support shelf. Slightly raise the rear of the oscilloscope and slide it fully forward until it stops.



- 2 Push the oscilloscope fully forward on the support shelf assembly.

- 3** Install the two retaining brackets that you previously removed:
  - a** Push the brackets fully forward until they stop against the oscilloscope's rear feet.
  - b** Secure each bracket using the screw you previously removed.



## Install the support shelf

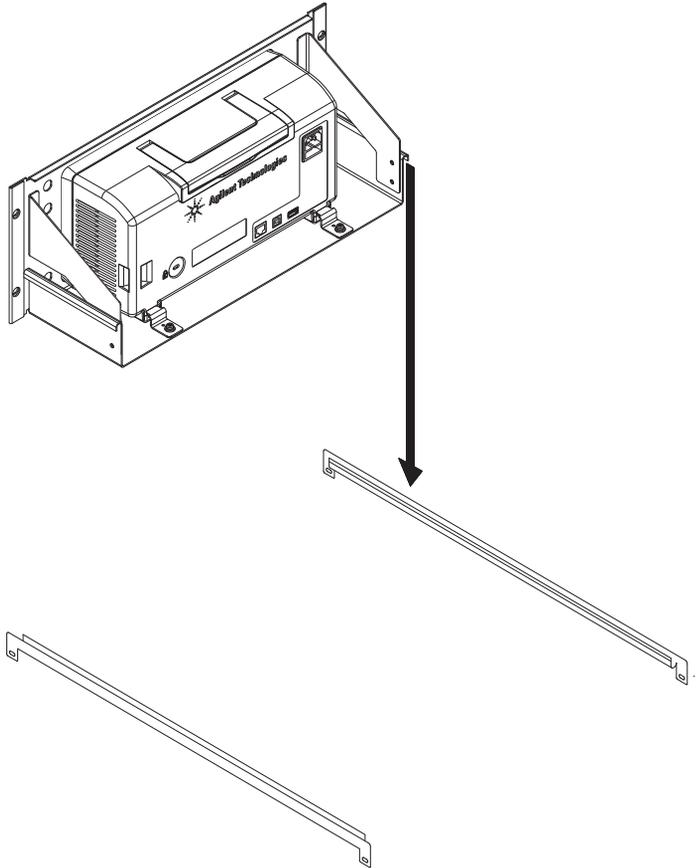
- 1 Attach the U-rails (with the side flanges down and the U-channel facing inward) to the rack cabinet.

Secure the rails using two 10-32 x 0.5 TORX screws and two sheet metal nuts for each rail.

The sheet metal nuts clip onto the rack cabinet. The U-channels on each side of the support shelf assembly sit on the U-rails in the rack cabinet.

## Installation

- 2 Set the support shelf, with the oscilloscope attached, on the U-rails.



- 3 Fasten the support shelf to the rack cabinet using four 10-32 dress screws and four sheet metal nuts.

This completes the installation.



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