NI LabVIEW

Now with a test-optimized AI, Nigel™ AI Advisor

The Most Productive Development Environment for Test and Measurement

LabVIEW has what you need to build automated test systems, fast. Outpace the competition with LabVIEW – unlike other solutions:

- LabVIEW can connect to any instrument, regardless of vendor

- LabVIEW has a native user interface for monitoring and controlling test

- LabVIEW has thousands of engineering analysis functions

- LabVIEW works with other languages, such as Python, C, and .NET

Companies that use LabVIEW benefit from improvements in development time and code reuse.

9x Faster Development Time

80% Code Re-Use Across Projects

Develop Automated Test & Measurement Systems With LabVIEW

Maximize Productivity

- **Graphical Programming—**Build your test system using an intuitive, flowchart-like data flow.

- **Customizable User Interfaces—**Create custom UIs with pre-built objects for real-time data display, user input, and interactive analysis.

- **Active Debugging—**Detect errors faster as LabVIEW re-compiles code after every action so you can easily identify and resolve problems. No last-minute surprises.

- **Nigel AI Advisor—**Get expert help while developing in LabVIEW from onboarding, to programming advice, and more!

Integrate Everything

- **Hardware Access—**Connect to any piece of hardware with thousands of drivers for third-party instrumentation.

- **Code Re-Use—**Call code written in Python, C, MATLAB®, and .NET

- **Protocol Support—**Exchange data between applications using TCP/IP, UDP, serial, IrDA, Bluetooth, Modbus, SMTP, and more.

Increase Capabilities

- **Real-Time and FPGA Modules—**Utilize add-ons for applications that require embedded and FPGA hardware.

- **Automated Reporting—**Share test results by generating reports for Microsoft Office or writing to a database

- **Application Builder—**Create and deploy your code as stand-alone applications for others to use, in just a few clicks.

Ensure Your Success

- **Learning—**Don't know how or where to start? We have flexible training options, tutorials, and courses to help you create your first application.

- **Community—**Join a strong community of over 300k users. Rely on an active online network and colleagues for advice. Over 30 years in the making.

- **Support—**Get help when you need it. Your subscription includes access to support engineers who are ready to speed up troubleshooting.

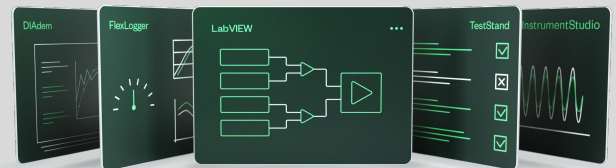## Select Your LabVIEW Edition

LabVIEW Base
- Recommended for building simple test and measurement applications.
- Part Number: 784503-35

LabVIEW Full
- Recommended for applications that require advanced analysis or signal processing.
- Part Number: 784522-35

LabVIEW Professional
- Recommended for engineers who need tools for software engineering, code deployment, distribution, and reporting.
- Part Number: 784584-35

Or Get LabVIEW Plus More in the LabVIEW+ Suite

The LabVIEW+ Suite is a collection of LabVIEW plus, more software that provides purpose-built tools to automate measurement, analysis, and test. The software works together to save you time.
Part Number: 788509-35

PART NUMBERS LISTED ARE FOR SUBSCRIPTION-BASED DOWNLOADABLE MEDIA FOR WINDOWS, FIND MORE INFORMATION ONLINE OR THROUGH YOUR DISTRIBUTOR.