# J-Link Family Model Overview

There is a J-Link or J-Trace model available to fit all project needs.

Available models vary in price and hardware features such as, speed, built-in trace memory, and on-board Ethernet, as well as advanced software features. The advanced software features are:

J-Flash (High-speed production grade flash programming software)
J-Link Unlimited Flash Breakpoints (Unlimited number of breakoints while debugging in flash memory)
J-Link RDI (Support for RDI compatible debuggers)

| Model | Download Speed into RAM | Download Into Flash[1] | GDB Server | Unlimited Flash Breakpoints | J-Flash | RDI | Ethernet |
|---|---|---|---|---|---|---|---|
| J-Link PRO | 3.0 MByte/sec | ✅ | ✅ | ✅ | ✅ | ✅ | ✅ |
| J-Link ULTRA+[2] | 3.0 MByte/sec | ✅ | ✅ | ✅ | ✅ | ✅ | ❌ |
| J-Link PLUS | 1.0 MByte/sec | ✅ | ✅ | ✅ | ✅ | ✅ | ❌ |
| J-Link | 1.0 MByte/sec | ✅ | ✅ | ❌ | ❌ | ❌ | ❌ |
| J-Link EDU[3] | 800 KByte/sec | ✅ | ✅ | ✅ | ❌ | ❌ | ❌ |
| Debug probes with built-in Trace memory | | | | | | | |
| J-Trace Cortex-M[4] | 3.0 MByte/sec | ✅ | ✅ | ✅ | ✅ | ✅ | ❌ |
| J-Trace ARM[5] | 800 KByte/sec | ✅ | ✅ | ✅ | ✅ | ✅ | ❌ |

✅ Included     ❌ Not Included

1  For use from within an IDE
2  Best Value: Includes all software enhancements and maximum performance
3  Educational Use
4  Cortex-M3,4 cores only
5  ARM7/9 cores only