

New Digital I/O card shrinks size and cost



Spectrum presents a new PCIe Digital I/O-card, which is the perfect-fit solution for today's fast logic analysis and pattern generation applications. The new powerful M2p.7515-x4 card offers:

- 32 channels for input or output
- Clock speeds up to 125 MHz
- 3.3 V and 5 V TTL compatibility
- 1 GByte of on-board memory
- FIFO data streaming speeds up to 700 MB/s
- PC based systems with up to 512 synchronized channels (16 cards)
- SDKs for C++, LabVIEW, MATLAB, VB.NET, Python, Java etc.

[Get all product info](#)

Digitizers + AWGs + Digital I/O combined in one PC



The M2p card family is now completed: For your perfect-fit PC based system, you can synchronize up to 16 different PCIe-cards of the M2p family! Choose from 24 different digitizer models, 14 different AWG variants and the new Digital I/O board! The digitizers and AWGs all offer 16-bit performance, up to 8 analogue channels per card and speeds up to 125 MS/s. If you need even faster performance (up to 5 GS/s), check out our M4i card family!

[Overview of 24 digitizers \(M2p family\)](#)

[Overview of 14 AWGs \(M2p family\)](#)

ARM-based NVIDIA Jetson now supported



We now offer driver support for the NVIDIA Jetson, a series of embedded computing boards with an ARM processor and a PCIe slot. They are already used for many mobile platforms such as autonomous robots, intelligent drones and smart appliances. In many of these applications, fast analogue and digital signals need to be acquired, generated and analysed - a perfect task for our 65 different PCIe digitizers, AWGs and Digital I/O cards.

[Read the full news story](#)