

GYTech Press Release FMS 2024

Established in 2020, GYTech is a Singapore company, providing Software platforms for testing and evaluating PCIe/NVMe SSD. We provide one of the *FASTEST* testing tools for NVMe SSD. PyNVMe3™ is our proprietary tool used by more than 20 customers, including all NAND and most Tier-1 SSD Manufacturers.

PyNVMe3™ is an OPEN platform, anchored upon the Python ecosystem. With IOPS of more than One Million (1000k), and an ever growing base of more than 1000 test cases, PyNVMe3™ is an invaluable tool for Designers of both Client and Enterprise NVMe SSD. We are happy to be at FMS for a 3rd year running and pleased to announce new functionalities and offerings of PyNVMe3™.

Our Teamwork License is now released for use on Server platforms, where you can test up to 12 DUT simultaneously. PyNVMe3™ is Hardware agnostic, and you can still use it on a standalone Desktop or Laptop. There is no unique Hardware set up required, you could even test at home.



Figure 1: Server set up with PyNVMe3™

Secondly, we have developed Management Interface (MI) functionality on Client SSD, which allows you to debug in parallel via I²C whilst running PyNVMe3™. We provide an Interposer board to all our Teamwork Licensees which enables this feature. The Interposer board works on PCIe Gen 5 and earlier versions.

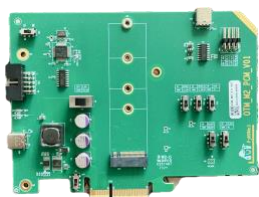


Figure 2: Interposer board for MI testing

Thirdly, we designed extensive & extended automated testing of QLC SSD. With these, we do evaluation of Fresh QLC SSD as well as Aged QLC SSD. We recognized there are customers who may not have the right tools or know-how to test QLC SSD themselves. Since June 2024, we offer in-house Testing services on our PyNVMe3™ platform to our customers. We issue our very own PyNVMe3™ Certification of Conformance and Performance after successful conclusion of the tests.

Contact us at sales@pynv.me for an Evaluation copy of PyNVMe3™, or if you would like us to test your QLC SSD products for you.

Rakesh Sinha
Chief Marketing Officer