

NVME TEST Product Details

This is a description of the features of the NVME TEST program. NVME TEST is a very powerful program with features lacking in many other NVMe testing products.

NVME TEST includes our Engineering Design Verification Test (EDVT) suite and many useful scripts for performing basic device testing.

NVME TEST Supports:

- * **All Admin and I/O commands and Vendor Specific commands.**
- * **Creation of invalid commands** (command code or command parameters).
- * **Up to 8 queues** (Admin plus seven I/O).
- * **Shared I/O Completion queues.**
- * **Up to 8 read/write commands per I/O queue.**
- * **Block/Sector sizes of 512, 1024, 2048, 4096 and 8192.**
- * **Supports Memory Page Sizes of 4096 and 8192.**
- * **SGL and CMB are supported.**
- * **All formats of metadata and protection information.**
- * **Powerful data generation and data compare options (including meta data).**
- * **Fast repeating of I/O commands.**
- * **Queuing commands without ringing the doorbell.**
- * **Issue commands with invalid/duplicate Command ID's.**
- * **Full tracing of all I/O activities.**
- * **Detailed command execution times.**
- * **Many commands to display controller information** (registers, queues, data buffers, variables).
- * **Flexible logging options.**
- * **Script files supporting IF/ELSE, WHILE loops and subroutines (CALL/RETURN).**
- * **Executing a list of script files. The EDVT suite is a list of scripts using this feature.**
- * **Global and local 64-bit variables and arrays using C style expressions.**
- * **String variables, string arrays and string operations.**
- * **Built in simple windowing system.**
- * **As you type help** for keyboard input.

- * Keyboard input and screen output recall.
- * Decoding and display of NVME Identify and Log Page data.