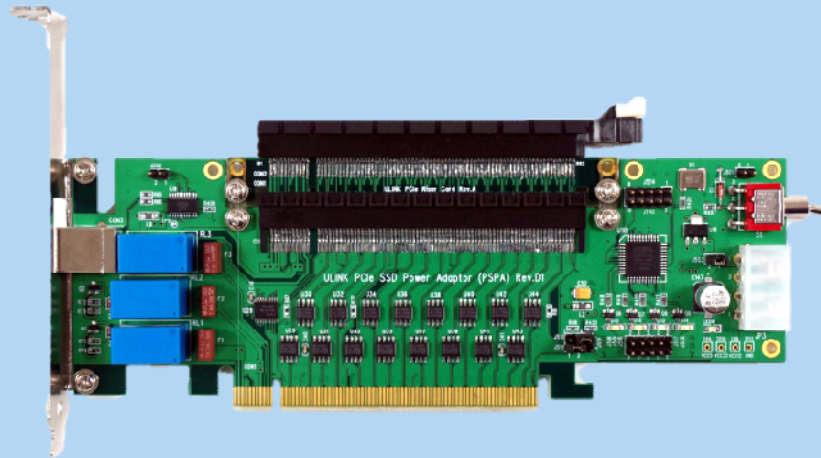




ULINK PCIe-SSD Power Adapter Plus



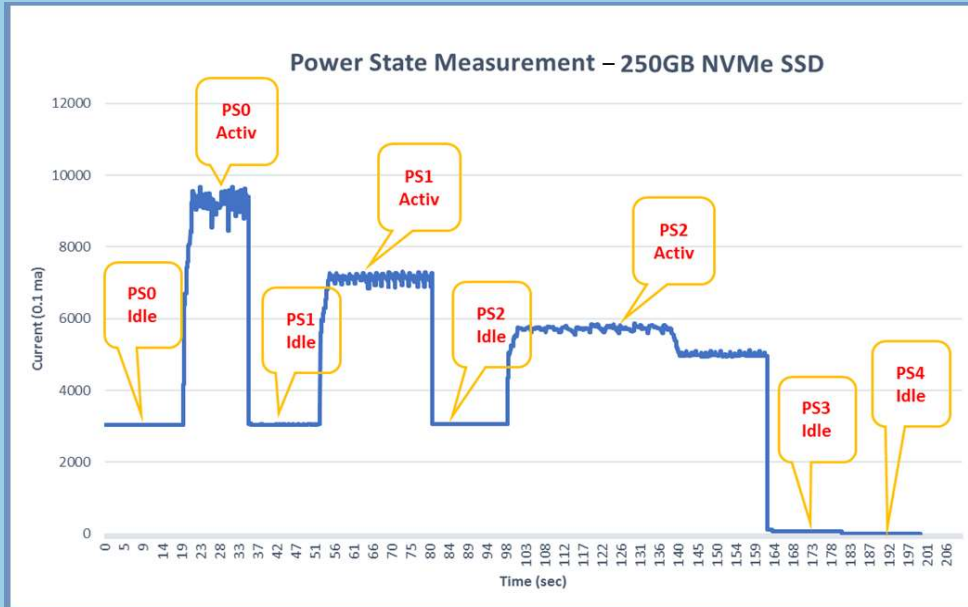
The PCIe-SSD Power Adapter Plus (PSPA+) adds power consumption measurement on top of the PCIe-SSD Power Adapter (PSPA). With this integrated adapter, users can easily measure power consumption during different power states: **active, idle, no operational**, etc. via simple script instructions provided by ULINK DriveMaster without extra hardware.

Features

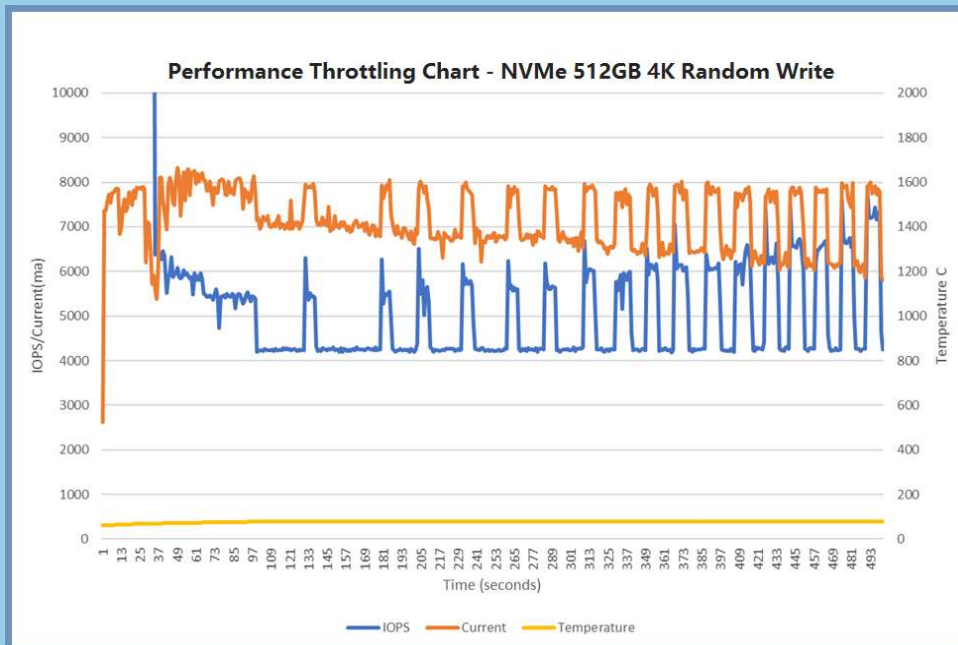
- Supports all PCIe voltages: 12v, 3.3v and 3.3v Aux
- Current Range: 0 - 4A
- Voltage Range: 0 - 40 V
- Current Resolution: 0.2 mA
- Voltage Resolution: 20 mV
- Measure both Power Voltage and Power Current
- Less than 0.1 V voltage drop in the power path



ULINK PSPAPlus Application



This chart plots the power consumption for the power states supported by an NVMe device. The measurement is based on the NVMe specification. With the same workload, Power State 0 consumes the highest power and takes the shortest time to complete.



This chart displays the influence of performance on the device temperature. In about 100 seconds, the temperature reaches the threshold (77 degree C) and the current/IOPS starts to throttle to keep the temperature from rising higher.