



## **PCcardsDirect Model X – Product Specifications**

### **System Performance**

Form Factor: M.2 2280-S2-M

Interface: PCI Gen3 x4 NVMe

NVMe Express™ 1.3, PCI Express® Base Spec Rev 3.0

Sequential Read: Up to 2,100 MB/sec

Sequential Write: Up to 1,800 MB/sec

4K Random Read IOPS: Up to 270,000

4K Random Write IOPS: Up to 420,000

### **Environmental Specification**

Standard Operating Temp: 0°C ~ +70°C

Wide Operating Temp: -40°C ~ +85°C

Power Voltage: +3.3V ± 5%

### **Reliability**

Wear-Leveling: Static and Dynamic

TBW (Total Bytes Written): Up to 2,400 TBW at 2TB

JESD 219A Workload

Erase Counts: 3,000

Conformal Coating: Optional

### **Physical Specifications**

Dimensions (WxLxH): 22.00 x 80.00 x -- mm

Weight: 10g

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