

## EC230 (SD / SDHC / SDIO Card Reader ) Test Report

Model: EC230 ver1.0  
 Notebook: HP ProBook 4421s  
 System : win7 SP1 32 bit      Test Tools : CrystalDiskMark 2.1  
 CPU: intel(R)Core(TM)i5 CPU M 460 @ 2.53GHz 2.53GHz      RAM : 4.00GB



EC230 TEST 1 Microsoft SDA Standard Compliant SD Host Driver	TOSHIBA SDHC Class10 8GB	TOSHIBA SDXC UHS-1 64GB	SanDisk SDHC Class UHS-1 8GB
Read (MB/S)	22.08 MB/S	22.08 MB/S	22.08 MB/S
Write (MB/S)	18.50 MB/S	12.75 MB/S	20.21 MB/S

  

EC230 TEST 2 Ricoh PCIe SD/MMC Host Controller Driver ver2.05.02.02	TOSHIBA SDHC Class10 8GB	TOSHIBA SDXC UHS-1 64GB	SanDisk SDHC Class UHS-1 8GB
Read (MB/S)	21.38 MB/S	21.37 MB/S	21.06 MB/S
Write (MB/S)	17.77 MB/S	12.67 MB/S	19.61 MB/S

	EC230 TEST 1 Microsoft SDA Standard Compliant SD Host Driver	EC230 TEST 2 Ricoh PCIe SD/MMC Host Controller Driver ver2.05.02.02
TOSHIBA Class 10 SDHC 8GB	<p>Seq: 22.08 (Read), 18.50 (Write)                      512K: 22.35 (Read), 5.925 (Write)                      4K: 6.336 (Read), 0.118 (Write)</p>	<p>Seq: 21.38 (Read), 17.77 (Write)                      512K: 20.66 (Read), 5.947 (Write)                      4K: 5.836 (Read), 0.118 (Write)</p>
TOSHIBA UHS-1 SDXC 64GB	<p>Seq: 22.08 (Read), 12.75 (Write)                      512K: 21.87 (Read), 1.101 (Write)                      4K: 6.220 (Read), 0.208 (Write)</p>	<p>Seq: 21.37 (Read), 12.67 (Write)                      512K: 20.93 (Read), 0.893 (Write)                      4K: 5.689 (Read), 0.199 (Write)</p>
SanDisk SDHC Class UHS-1 8GB	<p>Seq: 22.08 (Read), 20.21 (Write)                      512K: 21.41 (Read), 2.487 (Write)                      4K: 3.396 (Read), 0.859 (Write)</p>	<p>Seq: 21.06 (Read), 19.61 (Write)                      512K: 20.28 (Read), 1.582 (Write)                      4K: 3.368 (Read), 0.731 (Write)</p>

As a New manufacturer of quality computer connectivity products since 2009/Mar, BPLUS technology brings to market a broad range of upgrade products. These products bridge the connection between Desktop/Notebook systems and external peripherals.