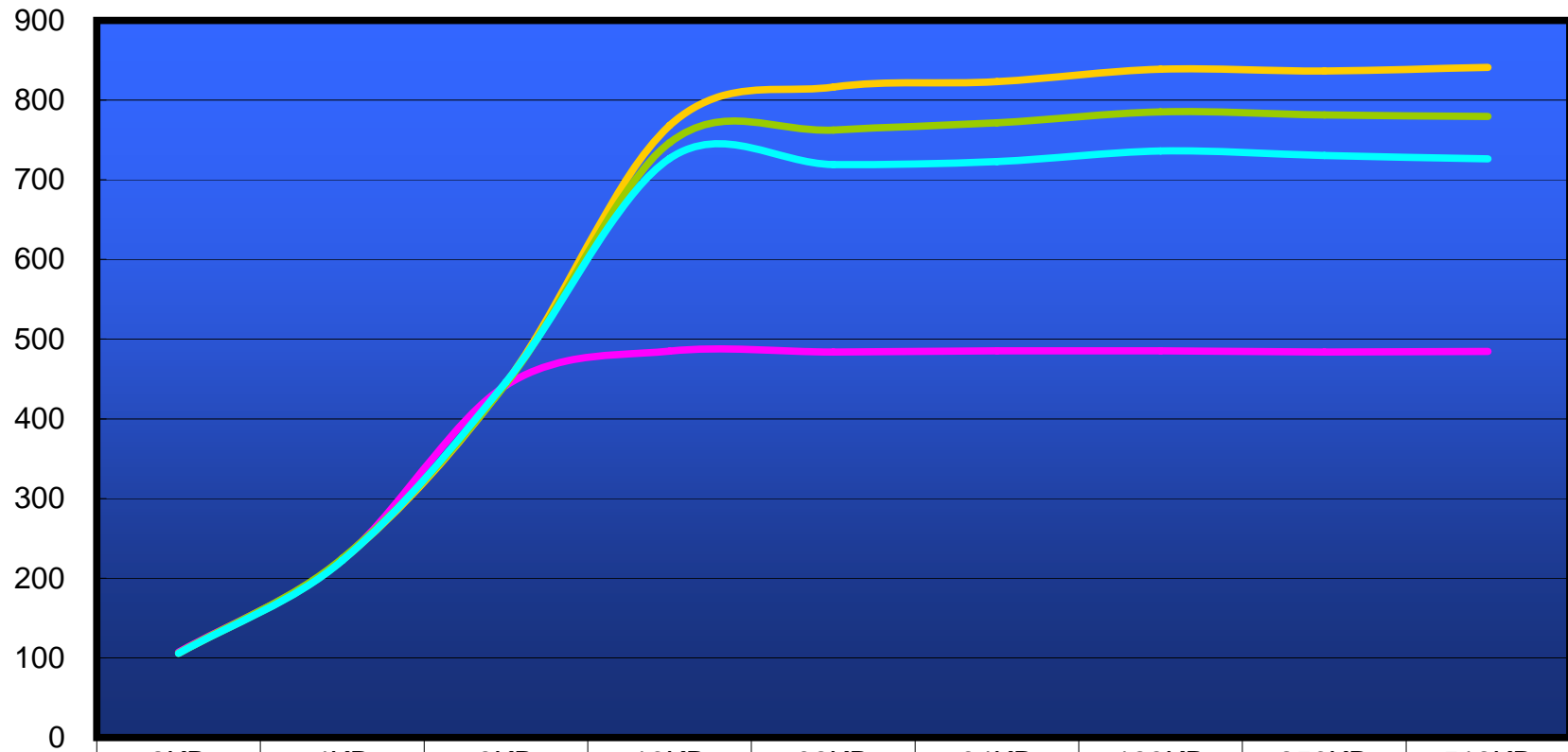


Sequential Read Strip size 64KB

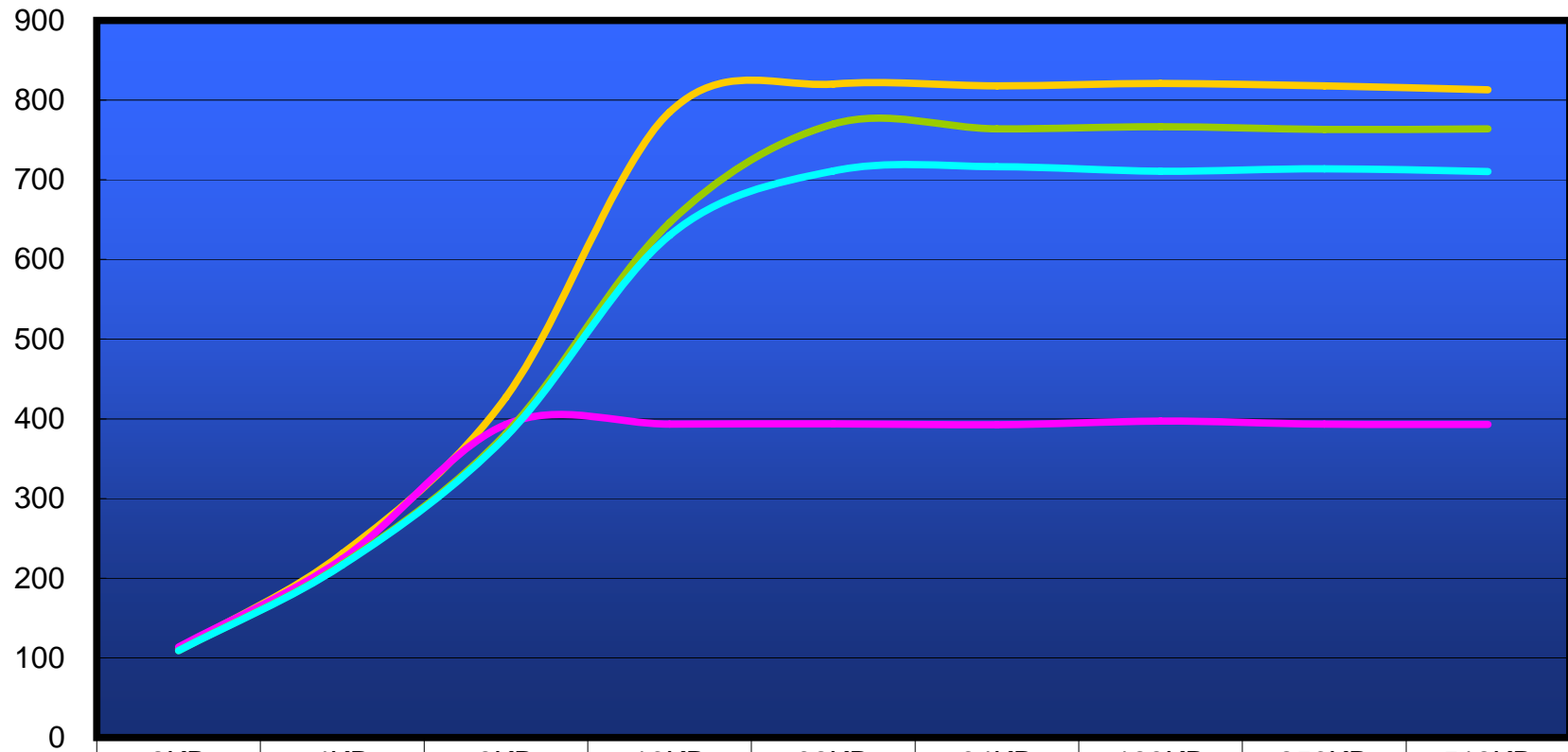
MBps



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	105.49219	222.53351	444.92179	767.92906	816.30836	823.4011	838.81148	836.52743	841.10824
RAID 1	107.20085	223.6872	442.17319	484.89007	484.01173	485.37115	485.19415	483.87071	484.62154
RAID 5	105.98086	225.10982	443.98652	746.37372	762.5663	771.58195	785.18391	781.56327	779.53766
RAID 6	105.49457	222.5017	446.19104	726.60785	719.18113	722.8906	736.01222	730.61408	726.40963

Sequential Write Strip size 64KB

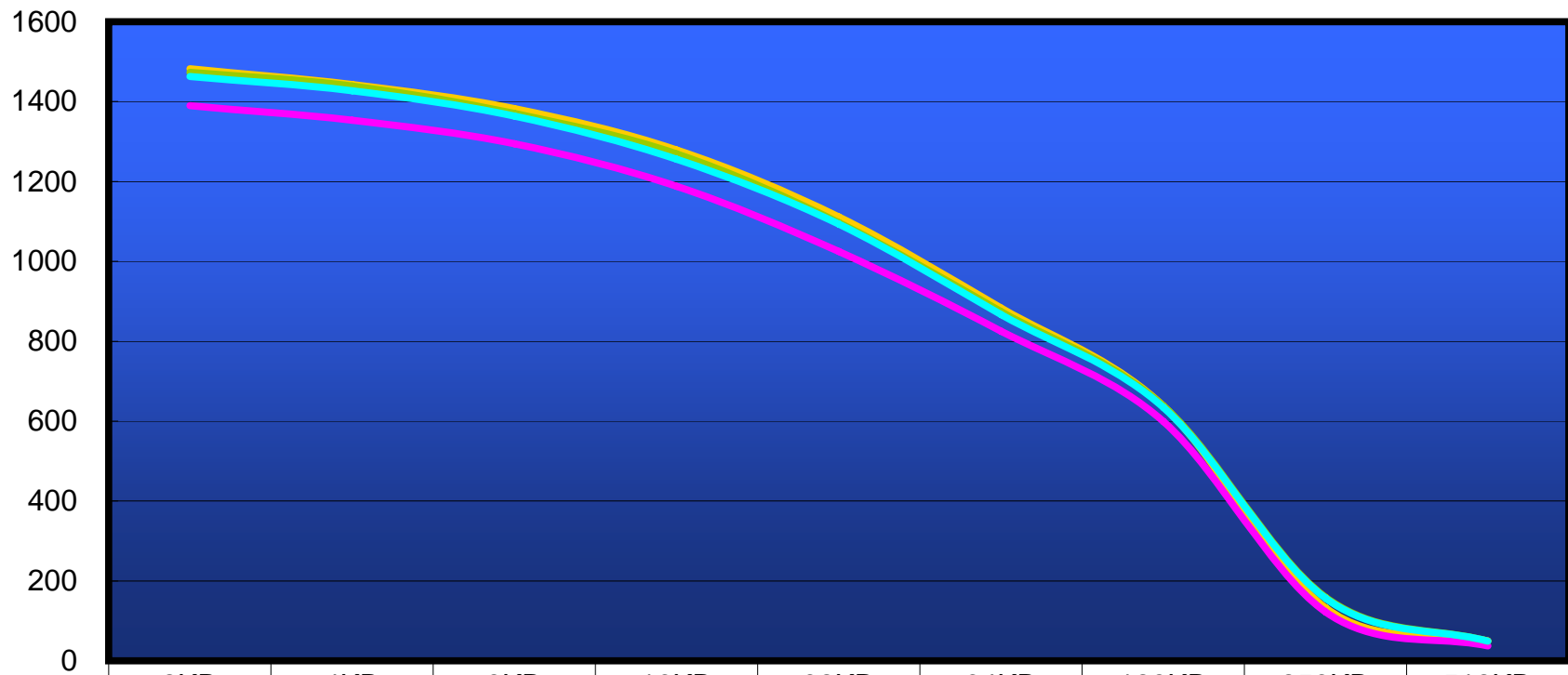
MBps



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	111.49998	231.15636	427.3002	784.77908	820.1676	817.91498	821.04318	817.98094	812.89538
RAID 1	113.45725	224.22721	393.02692	393.41951	393.56241	392.54615	397.13422	393.38365	392.85782
RAID 5	109.12361	217.93368	381.54065	646.22975	770.15588	763.98135	766.4824	763.25051	763.84401
RAID 6	109.15101	216.51089	377.97246	630.17948	711.21358	716.38234	710.57108	713.87711	710.48488

Random Read Strip size 64KB

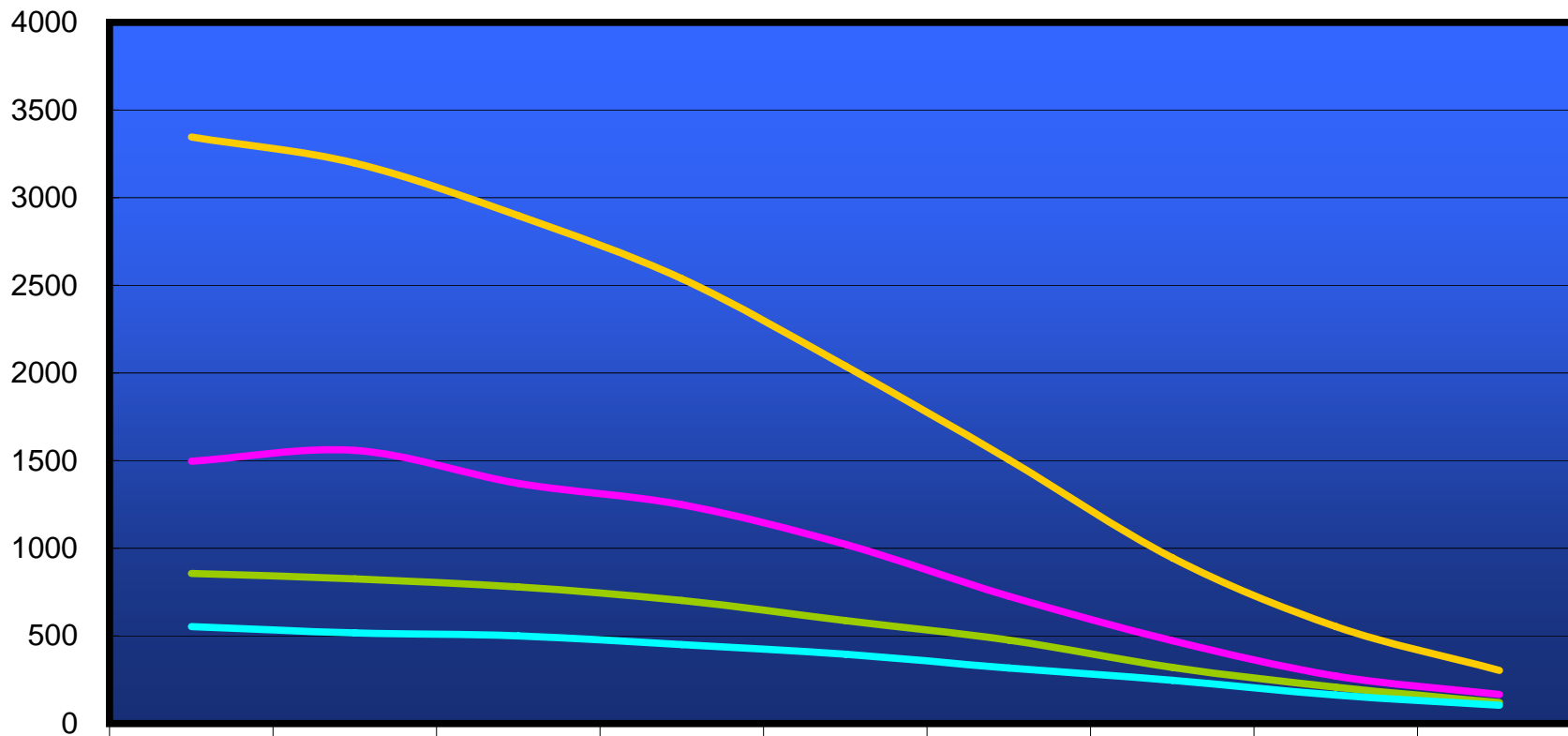
IOps



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	1482.5967	1442.4027	1382.1994	1279.139	1110.7629	882.86956	637.55517	132.39258	49.656717
RAID 1	1389.8668	1353.0562	1294.2914	1188.1446	1025.0074	825.07128	599.36245	121.90342	37.513067
RAID 5	1472.9434	1439.1214	1370.1471	1269.436	1097.1699	874.45834	637.73027	158.36092	49.326678
RAID 6	1463.1433	1427.3879	1363.4683	1255.4818	1093.485	866.44435	634.49296	156.18008	49.48474

Random Write Strip size 64KB

IOps



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	3345.7109	3196.2563	2897.3967	2538.1557	2039.3665	1504.749	944.59213	552.56343	303.77096
RAID 1	1495.7855	1557.8177	1369.1206	1248.2903	1022.7784	726.60004	472.10135	270.24235	165.39449
RAID 5	856.88088	824.68843	779.93493	702.38912	587.77737	476.38295	319.70548	206.67339	119.93114
RAID 6	552.23818	517.8197	500.15655	450.18976	395.81624	317.27126	246.38183	162.596	104.07872

Test Environment

Model	ARC-1280	Date	2007/5/31
Firmware Ver.	V1.42 2006/10/13		
BIOS Ver.	V1.17b 2006/08/07	PCB Ver.	B

MotherBoard	Intel SE7520AF2	BIOS	AMI P.05.00.0059
CPU	2x Xeon 2.8GHz	Memory	8GB

OS Platform : Windows 2003 Professional Enterprise SP1

IO Meter Settings

of Outstanding I/Os 16 per Target

Burst Length : 16 I/Os

Run Time : 1 Min.

Ramp up time : 10 Sec

Volume Size : 10 GB

Ch #	Vendor	Model Name	Firmware	Capacity
1	Seagate	ST3250620NS	3.AEE	250GB
2	Seagate	ST3250620NS	3.AEE	250GB
3	Seagate	ST3250620NS	3.AEE	250GB
4	Seagate	ST3250620NS	3.AEE	250GB
5	Seagate	ST3250620NS	3.AEE	250GB
6	Seagate	ST3250620NS	3.AEE	250GB
7	Seagate	ST3250620NS	3.AEE	250GB
8	Seagate	ST3250620NS	3.AEE	250GB
9	Seagate	ST3250620NS	3.AEE	250GB
10	Seagate	ST3250620NS	3.AEE	250GB
11	Seagate	ST3250620NS	3.AEE	250GB
12	Seagate	ST3250620NS	3.AEE	250GB
13	WD	WD4000KD-00NAB0	01.06A01	400GB
14	WD	WD4000KD-00NAB0	01.06A01	400GB
15	WD	WD4000KD-00NAB0	01.06A01	400GB
16	WD	WD4000KD-00NAB0	01.06A01	400GB