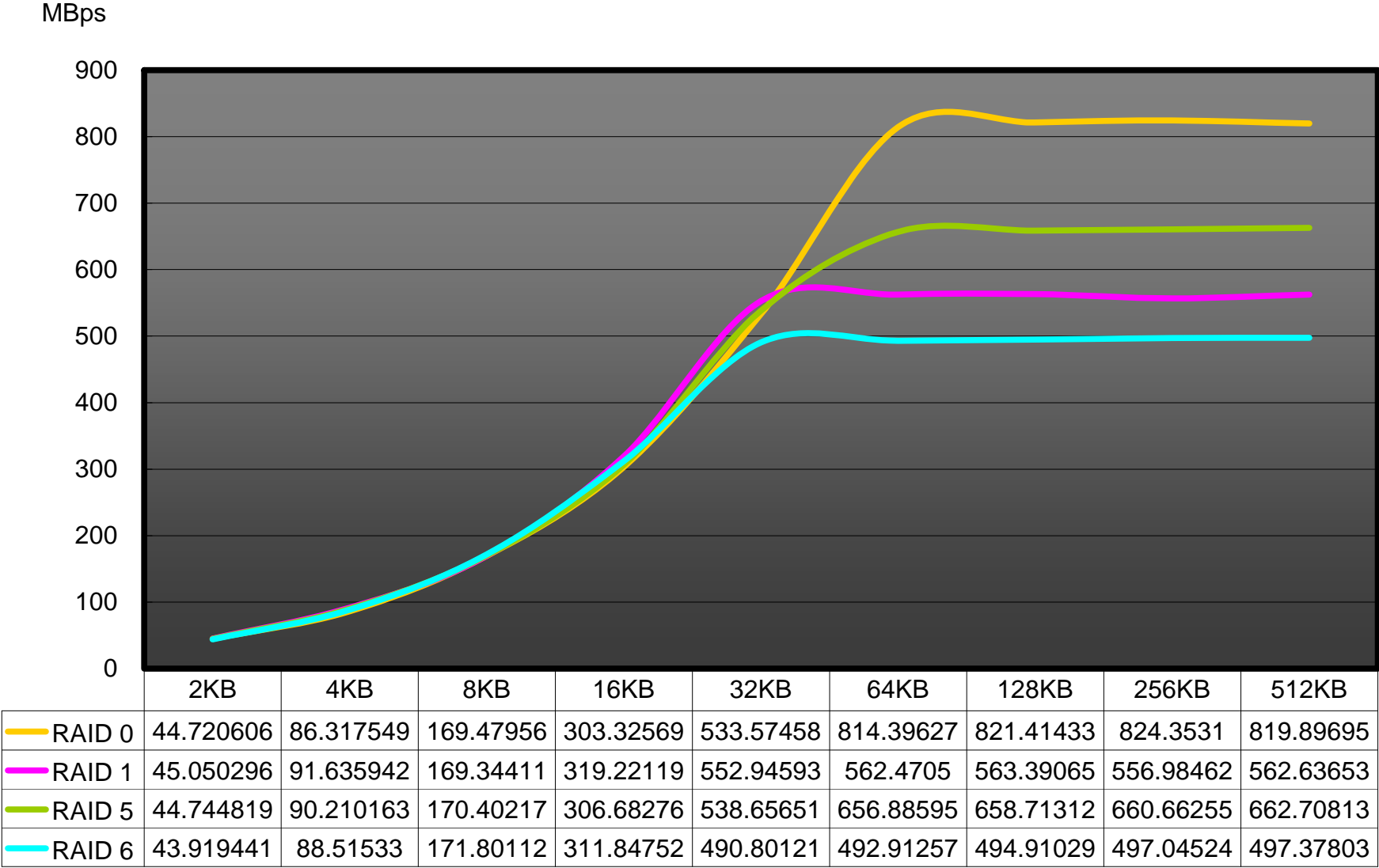


Test Environment

RAID Set

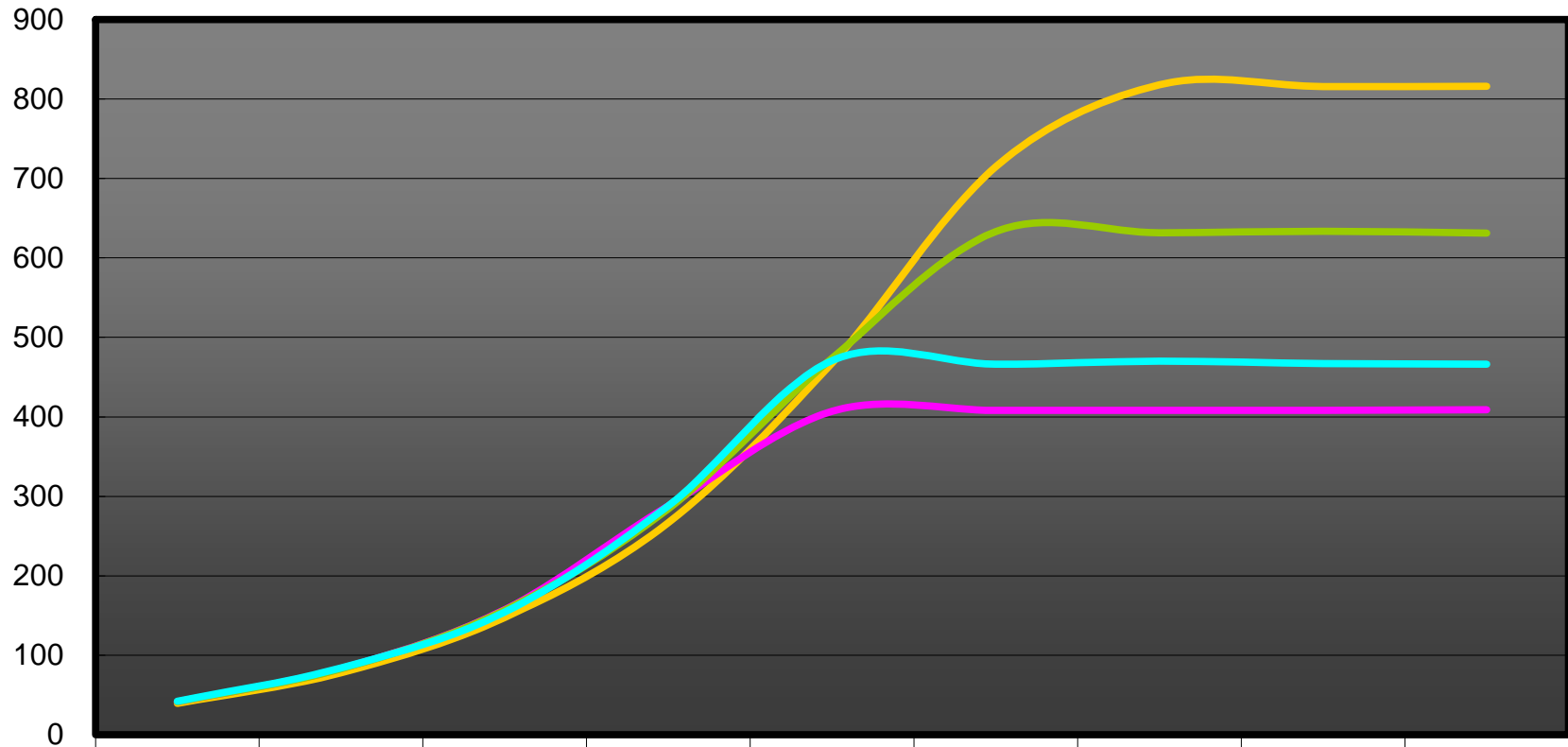
MB	:	Intel D975XBX2KR	CH 1	INTEL SSDSA2SH032G1GN
CPU	:	Celeron 2.66G	CH 2	INTEL SSDSA2SH032G1GN
Memory	:	1GB	CH 3	INTEL SSDSA2SH032G1GN
			CH 4	INTEL SSDSA2SH032G1GN
OS	:	Vista x86	CH 5	INTEL SSDSA2SH032G1GN
Iometer Settings				
# of Outstanding				
I/Os		16 per target		
Burst Length		16 I/Os		
			Model	Areca ARC1231 F/W 1.46 2009.01.06
			BIOS	V1.21d
Volume Size		10 GB		2008.12.03

Sequential Read Strip size 64KB



Sequential Write Strip size 64KB

MBps



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	39.415874	77.926667	147.64704	266.91951	467.75913	714.77079	818.07604	815.81101	815.95768
RAID 1	41.360073	83.424329	157.17785	288.17822	407.10732	408.13086	408.16154	408.31681	408.88407
RAID 5	41.306504	82.872595	156.6978	284.35353	473.85558	633.37356	631.61335	633.52902	631.31936
RAID 6	42.096919	84.029717	154.48438	288.09948	470.95484	466.15767	470.18288	467.05802	466.20966

Random Read Strip size 64KB

IOps

30000

25000

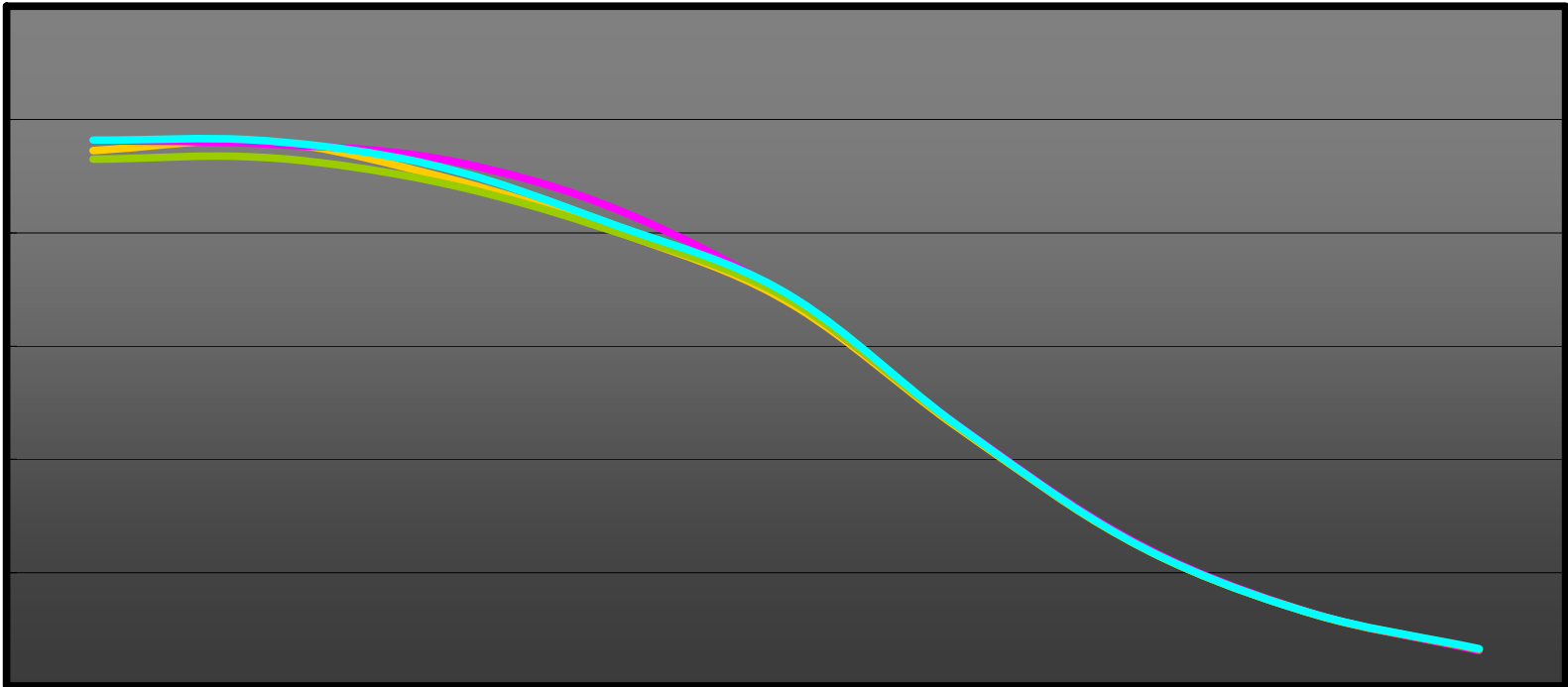
20000

15000

10000

5000

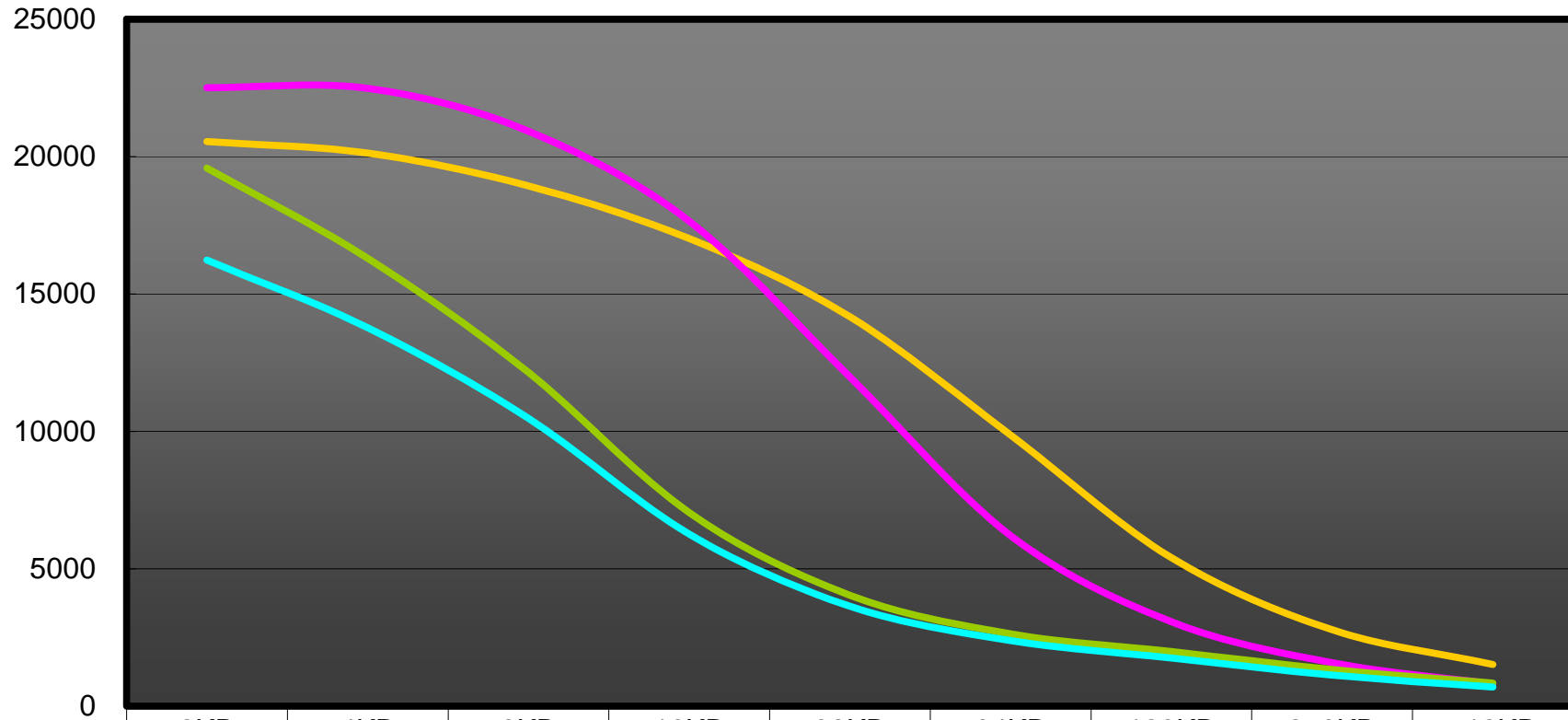
0



	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	23632.358	24030.962	22493.038	20104.346	16995.746	11366.887	6323.6282	3262.8215	1605.2093
RAID 1	24076.802	23918.987	23265.453	21105.732	17202.022	11463.889	6395.4333	3294.8354	1561.6057
RAID 5	23249.234	23325.684	22219.148	20076.779	17120.445	11418.219	6334.2857	3281.8041	1620.8098
RAID 6	24091.804	24066.256	22920.183	20367.203	17346.283	11445.953	6339.1961	3288.3356	1642.818

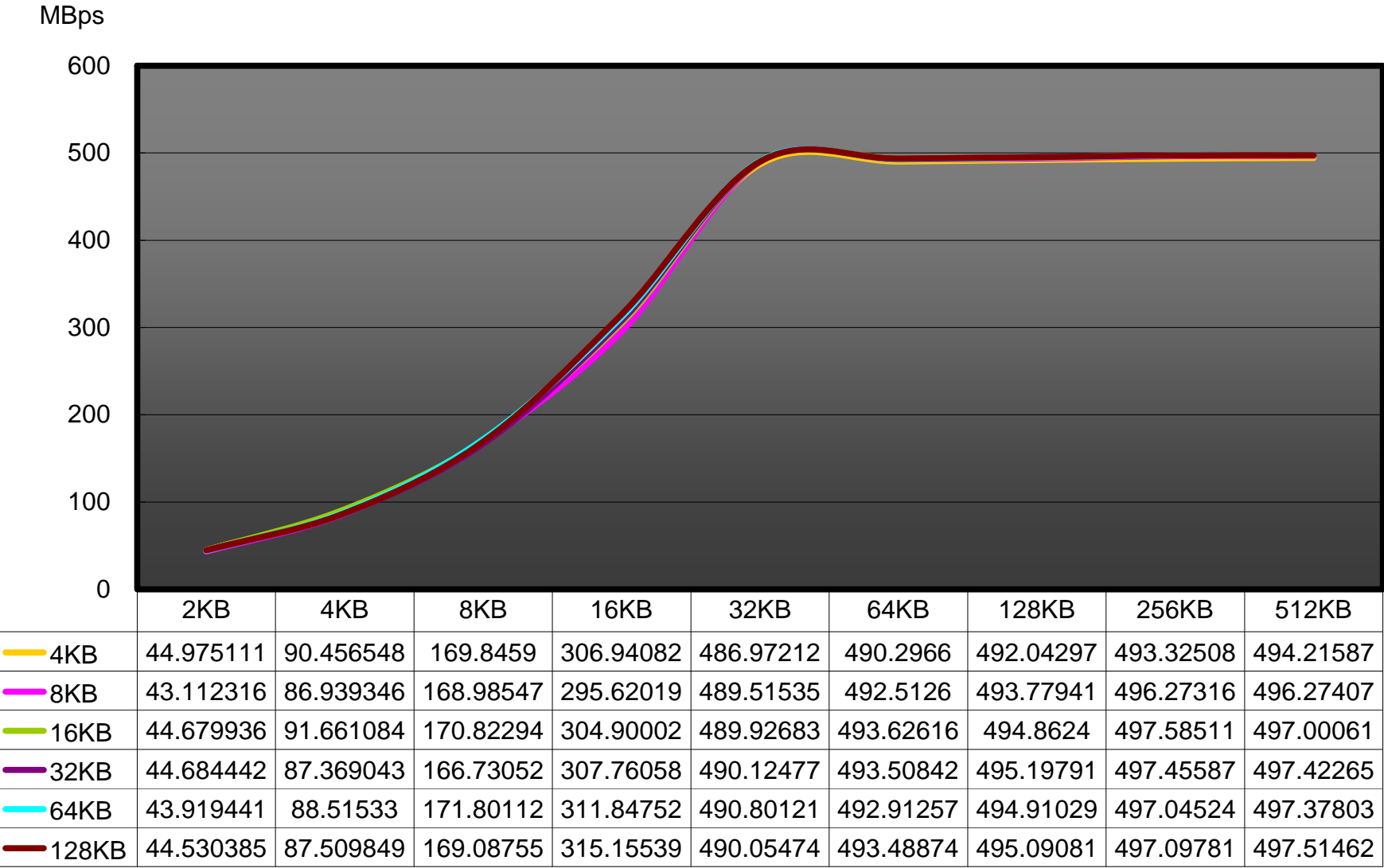
Random Write Strip size 64KB

IOps

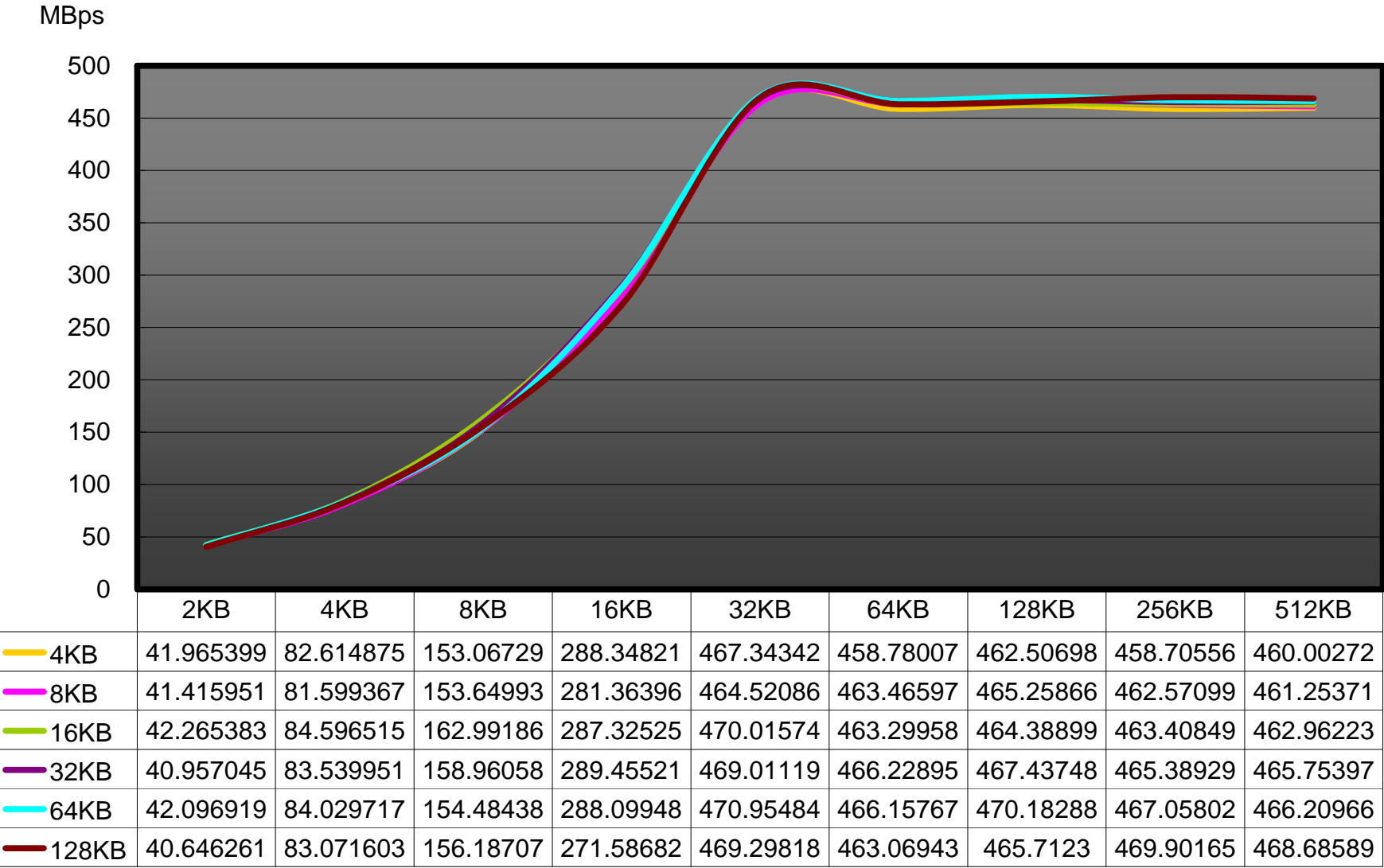


	2KB	4KB	8KB	16KB	32KB	64KB	128KB	256KB	512KB
RAID 0	20543.287	20130.556	18928.955	17020.626	14166.924	9869.5798	5402.8031	2780.117	1516.7856
RAID 1	22511.208	22486.277	20917.383	17651.964	11974.979	6202.7054	3070.422	1585.2088	809.12897
RAID 5	19589.857	16299.877	12149.254	7037.1297	4035.2503	2628.1049	1990.9525	1337.7984	843.20649
RAID 6	16232.666	13772.717	10479.668	6259.4259	3640.5983	2386.3698	1754.1012	1139.7245	698.77763

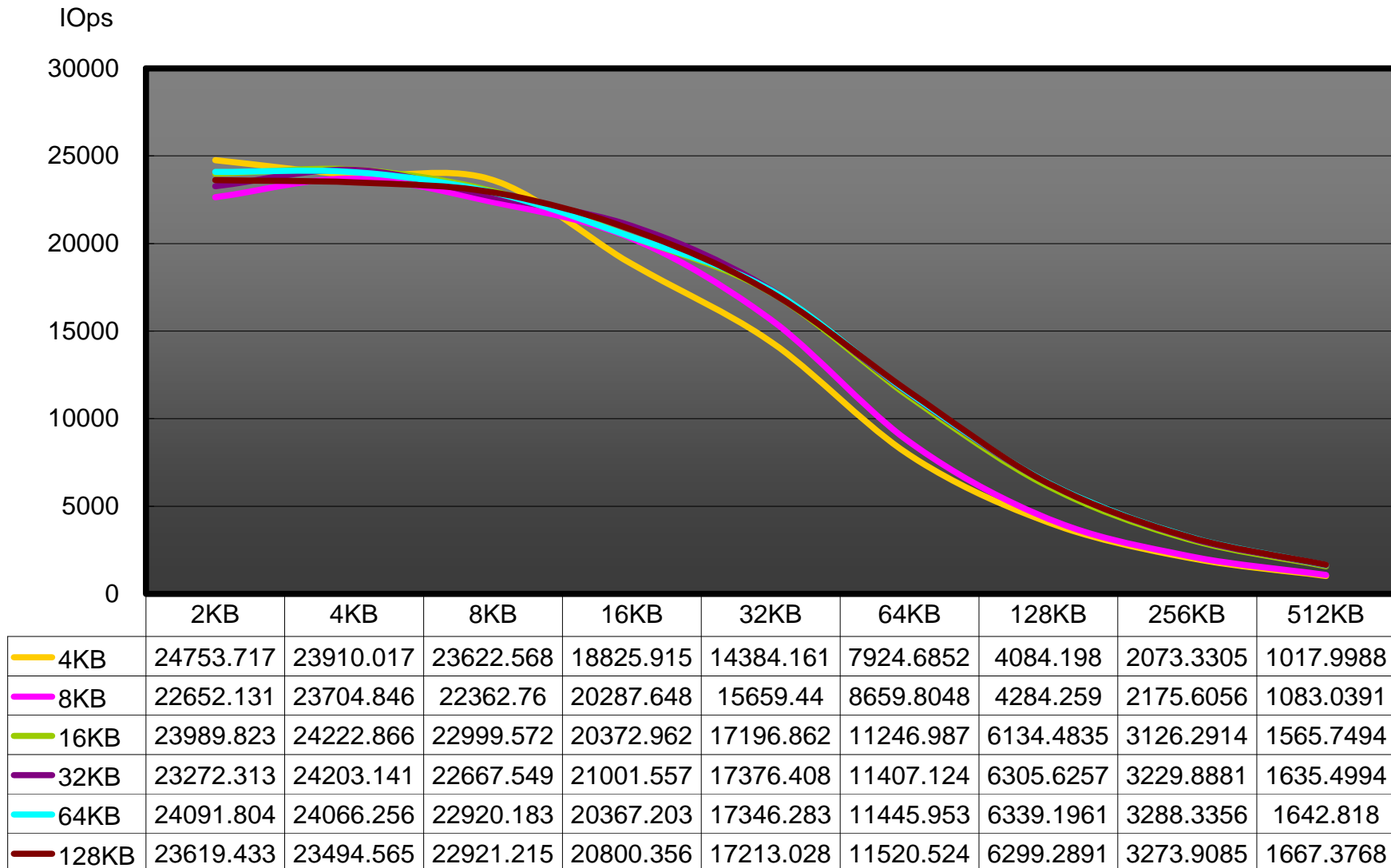
Sequential Read RAID 6



Sequential Write RAID 6



Random Read RAID 6



Random Write RAID 6

