

# Figure 1: PMC-Sierra's maxRAID Multi-Core, Multi-Threaded Architecture vs. Single Core

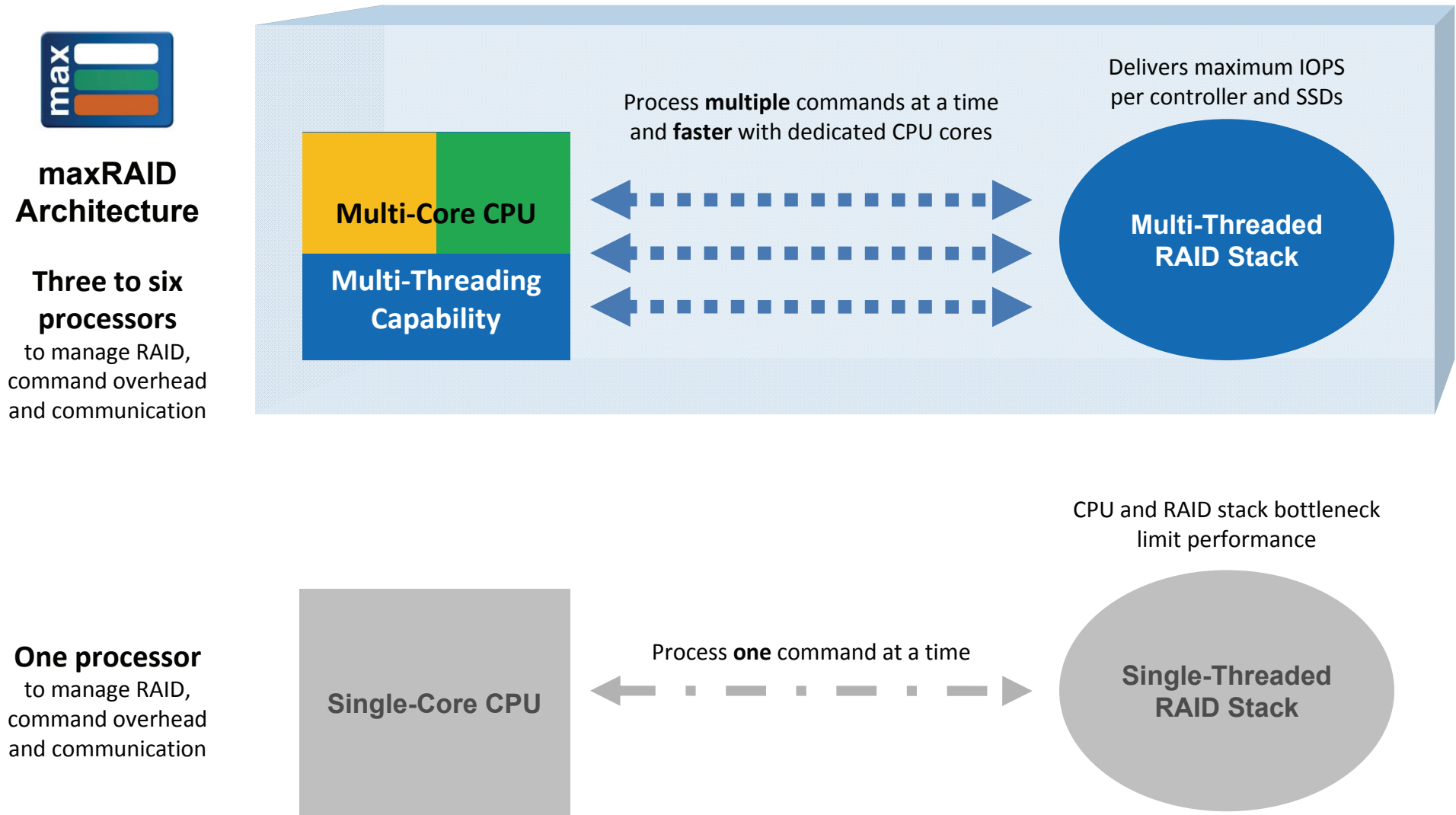


Figure 1

# Figure 2: SSD RAID vs. Traditional HDD RAID

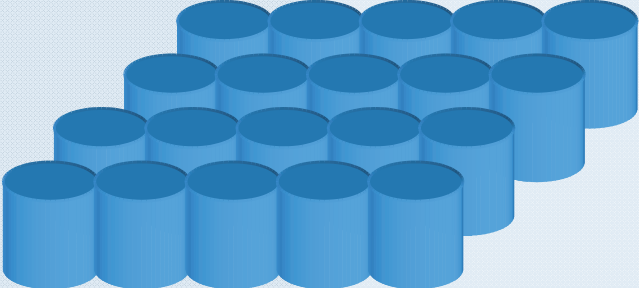



 <p><b>HDD</b></p>	<p><b>RAID 5 Arrays</b></p>	 <p><b>SSD</b></p>
233GB (20 x 146GB HDDs short stroked)	RAID Capacity	300GB (4 x 100GB SSDs)
9,000 IOPS	Random Reads	90,000 IOPS
\$7,000	Total Cost	\$8,000
\$0.78	Cost per I/O	\$0.09
	Failure Rate	
8% (short stroked)	Capacity Utilization	100%
200W+	Power	10W

Figure 2