

# What are IOPS & how to calculate?

**IOPS (Input/Output Operations Per Second, pronounced eye-ops)** is a common performance measurement used to benchmark computer storage devices like hard disk drives (HDD), solid state drives (SSD), and storage area networks (SAN)

How many of you have seen storage vendors extolling the virtues of their storage by using large IOPS numbers to illustrate a performance advantage?

How many of you decide on storage purchases and base your decisions on those numbers?

Using these online calculators, you can calculate the **RAW IOPS** as well **ACTUAL IOPS**

- <http://www.eksendata.com/araclar/iops/iopse.php>
- <http://www.thecloudcalculator.com/calculators/disk-raid-and-iops.html>