

Gain higher output and increased flexibility by upgrading from a NextSeq™ 1000 to a NextSeq 2000 Sequencing System

Explore new and emerging applications by upgrading to the NextSeq 2000 Sequencing System to discover more



Upgrade to access higher outputs and emerging applications

Access higher throughputs with the P3 and P4 flow cells to enable more sequencing per sample, larger studies, and an overall lower price per Gb (Table 1). Explore new and emerging applications such as:

- Multiomics
- Single-cell sequencing
- Deep metagenomics
- Liquid biopsy

Table 1: Comparison of sequencing specifications

Read length	NextSeq 1000/2000 P1 ^a	NextSeq 1000/2000 P2 ^a	NextSeq 2000 P3 ^{a,b}	NextSeq 2000 P4 ^{a,b}
Output per flow cell ^c				
Single-end reads	100M	400M	1.2B	1.8B
1 × 50 bp	—	—	—	90 Gb
2 × 50 bp	10 Gb	40 Gb	120 Gb	180 Gb
2 × 100 bp	—	80 Gb	240 Gb	360 Gb
2 × 150 bp	30 Gb	120 Gb	360 Gb	540 Gb
2 × 300 bp	60 Gb	240 Gb	—	—

a. Specifications are for XLEAP-SBS™ reagents.

b. P3 and P4 flow cells are only available on the NextSeq 2000 System.

c. Output specifications are based on a single flow cell using an Illumina PhiX control library at supported cluster densities.

One-day upgrade process

Illumina has simplified the process of upgrading from the NextSeq 1000 to the NextSeq 2000 System (Figure 1), requiring less than a day for a Field Service Engineer to complete.



Figure 1: The NextSeq 1000 to NextSeq 2000 System upgrade process requires less than a day

Maintain support with an active service contract

If there are 12 or more months left on an active service contract, it will be changed over at the time of the upgrade. If there are fewer than 12 months left on an active service contract, it will be changed over after the current contract expires.

Upgrade today

Contact your local Territory Account Manager to initiate your upgrade.

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