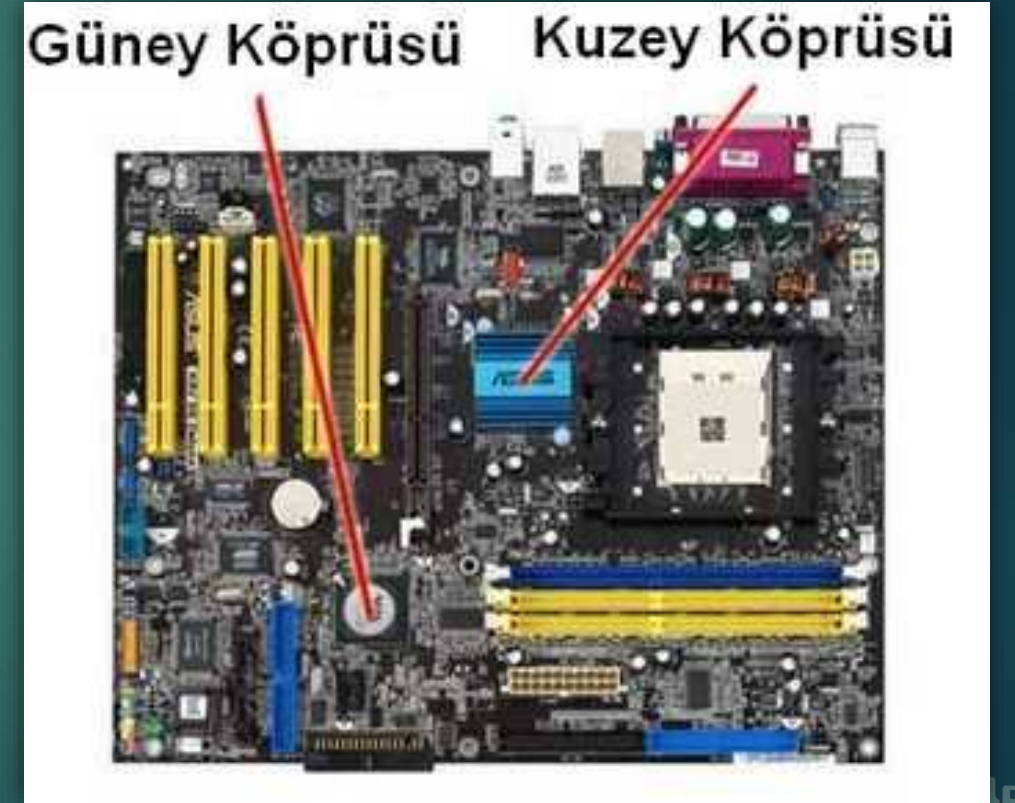


Yonga Seti (Chipset)

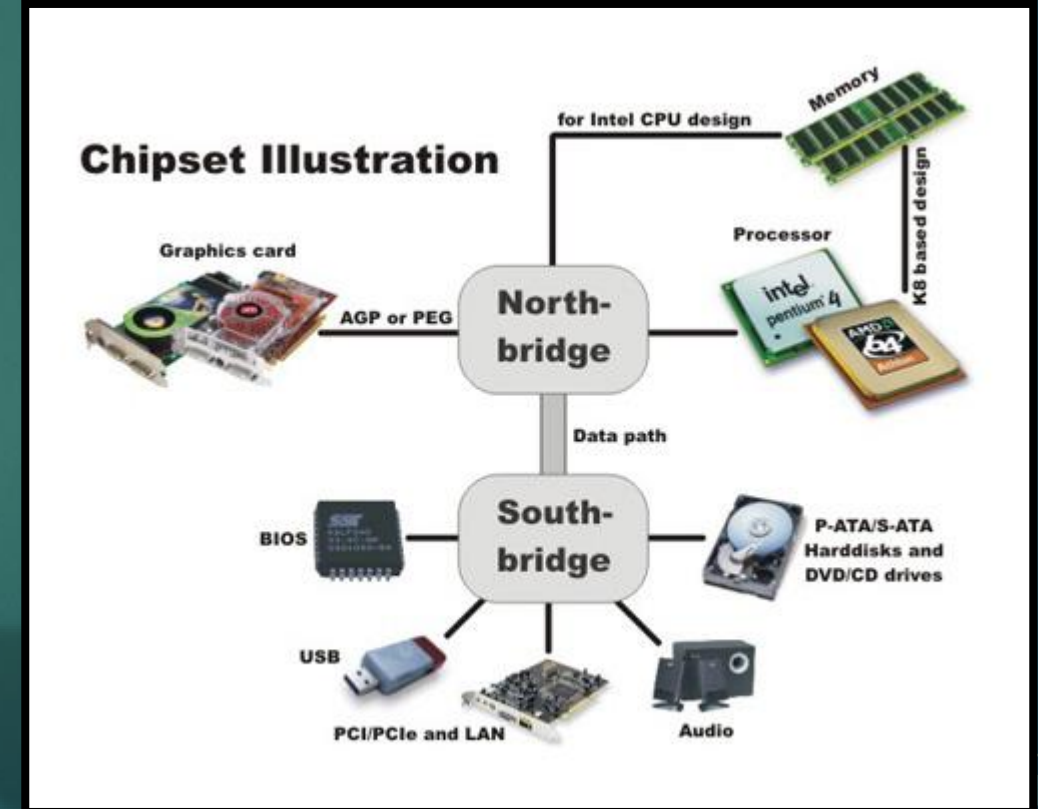
- Tüm donanımların işlemci ile haberleşmesini sağlar.
- İşlem bekleme (kuyruklama/queuing) sıralarını azaltır ve organize eder.
- Kuzey Köprüsü (North Bridge) ve Güney Köprüsü (South Bridge) olarak iki adettir.



Yonga Seti (Chipset)

1) Kuzey Köprüsü (North Bridge):

- İşlemci, bellek, AGP slotu ve güney köprüsü arasında iletişimi sağlar.
- Bu birimlerden gelen verileri hızlandırarak işlemciye gönderir.
- İşlemciden gelen verileri de, yavaşlatarak bu birimlere gönderir.

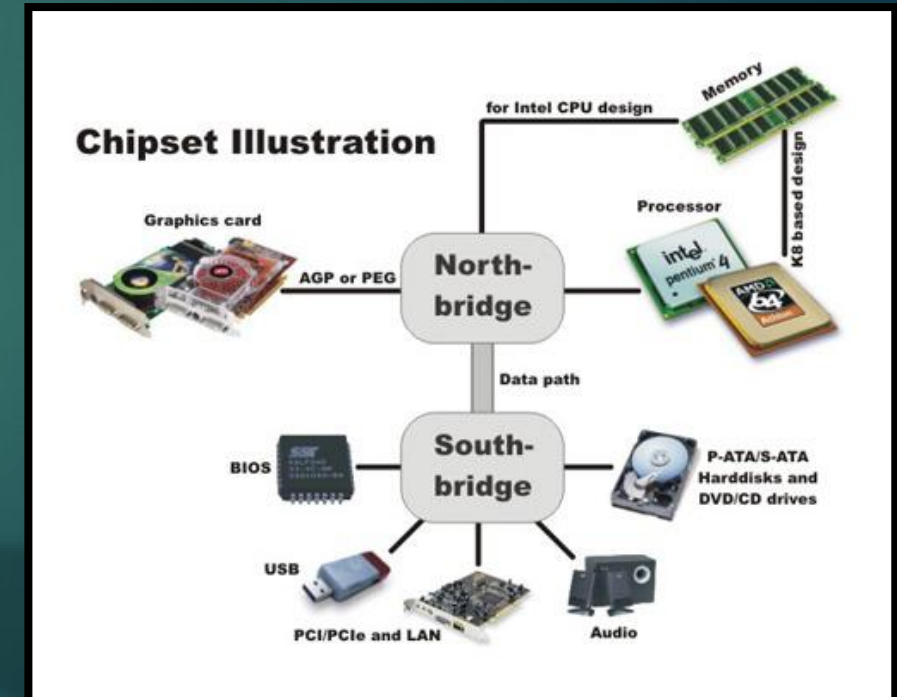


Yonga Seti (Chipset)

2) Güney Köprüsü (South Bridge):

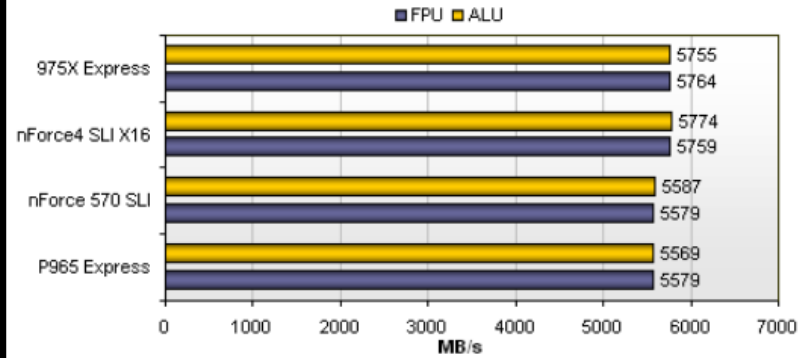
- ISA, PCI portu, paralel port, seri port ve depolama birimleri arasında iletişimi sağlar.
- Bu birimlerden gelen verileri Kuzey Köprüsü (North Bridge)'ne iletir.
- Kuzey Köprüsü'nden gelen verileri de bu birimlere aktarır.

**Anakart hızı,
Kuzey Köprüsü ile Güney Köprüsü arasındaki hızdır.
Bilgisayarın hızına **doğrudan** etki eder.*

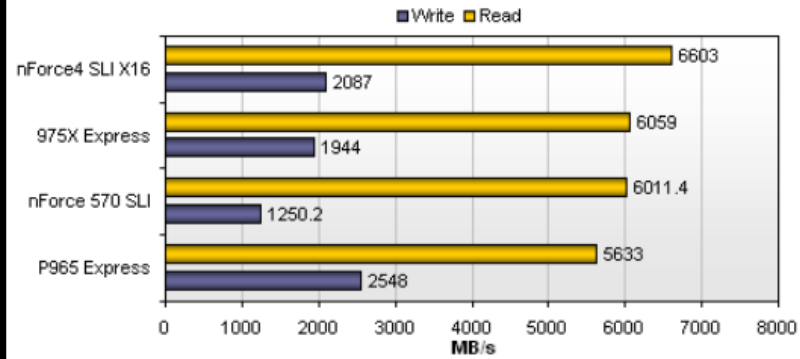


Chipset'lerin Performansa Etkileri

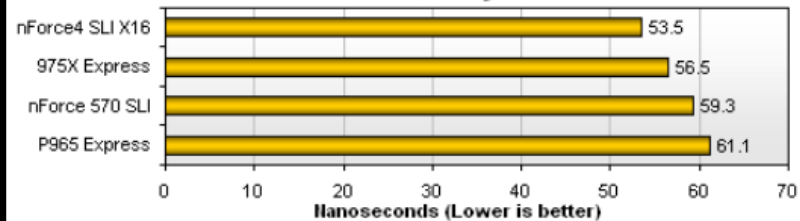
Four DIMMs - SiSoft Sandra Memory Bandwidth



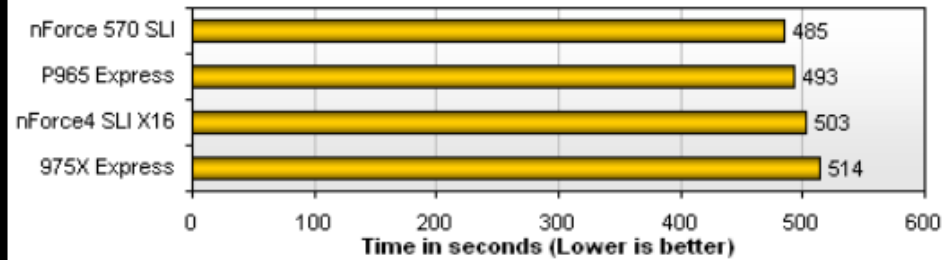
Four DIMMs - Cachemem Memory Bandwidth



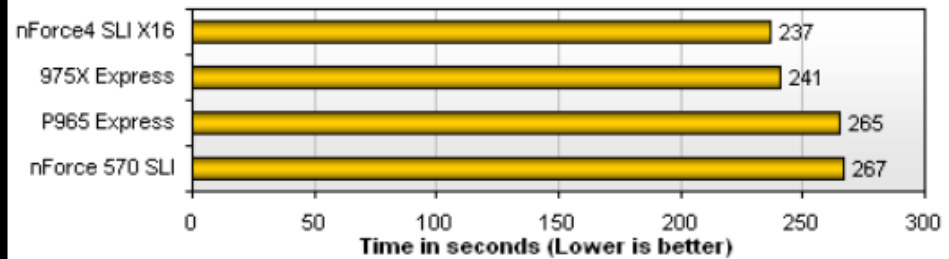
Four DIMMs - Cachemem Memory Latency
8192KB block, 512-byte stride



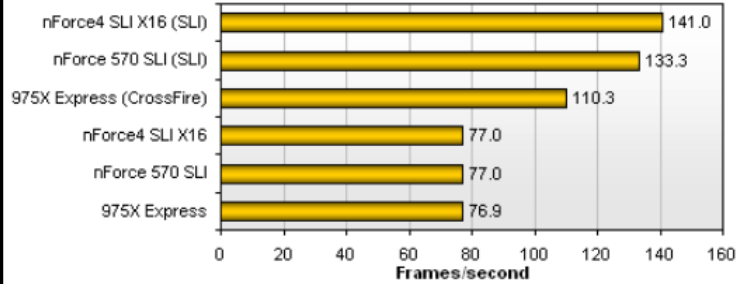
WorldBench - Microsoft Office XP with SP-2



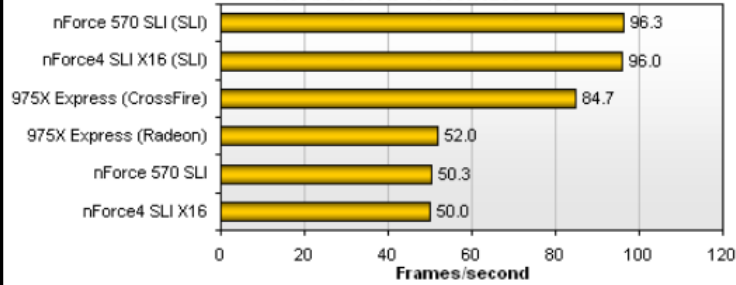
WorldBench - Mozilla 1.4



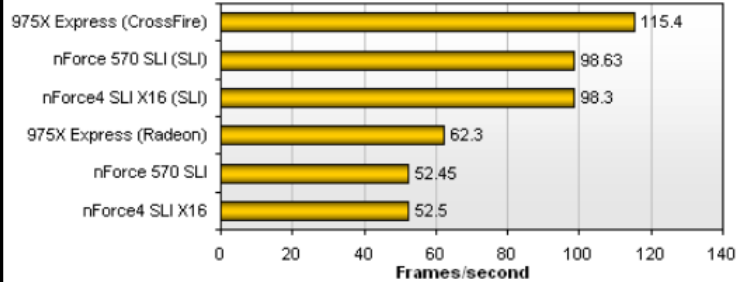
Quake 4 - High quality
4X AA - 1600x1200



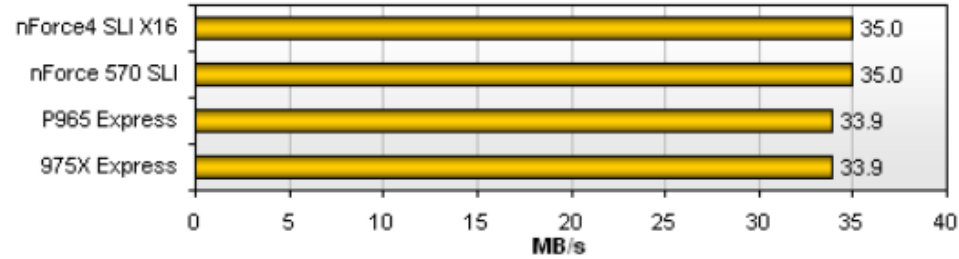
F.E.A.R. - Maximum Quality
4X AA 16X AF - 1600x1200



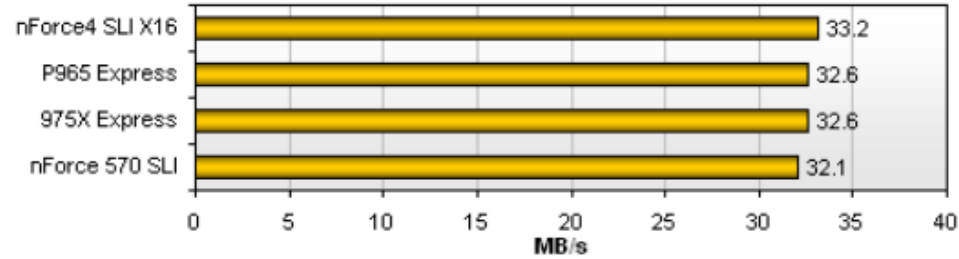
Splinter Cell: Chaos Theory - High quality
4X AA 8X AF - 1600x1200



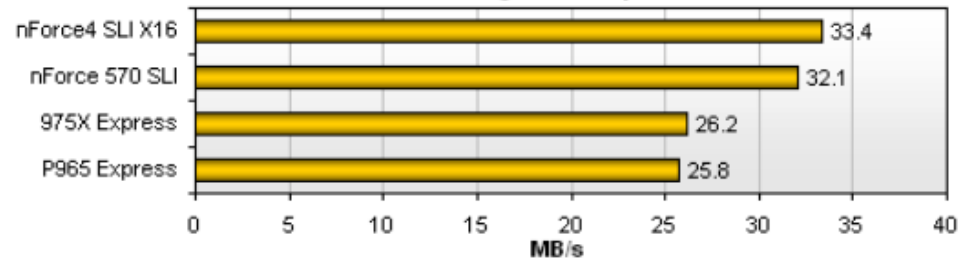
USB - Read burst speed



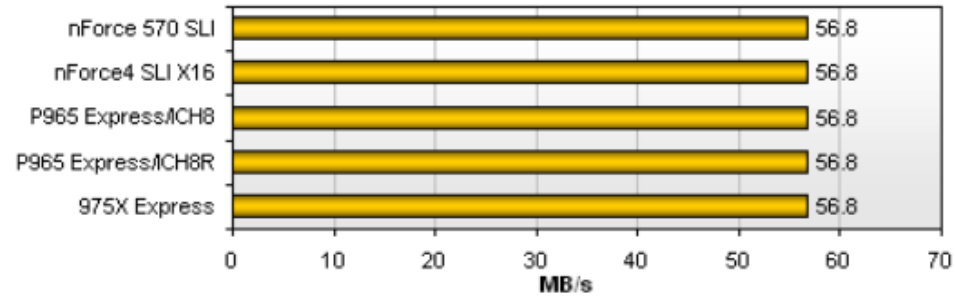
USB - Average read speed



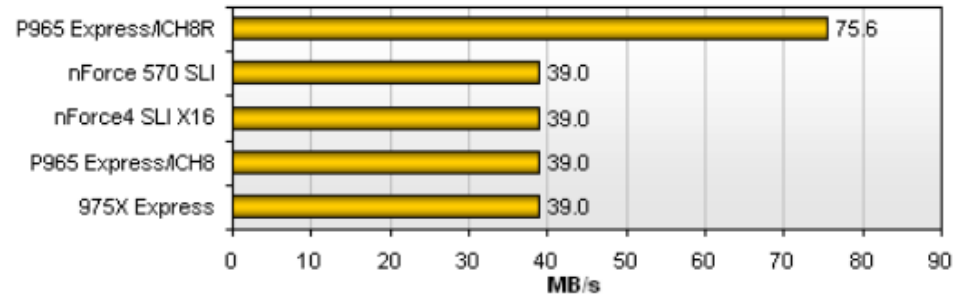
USB - Average write speed



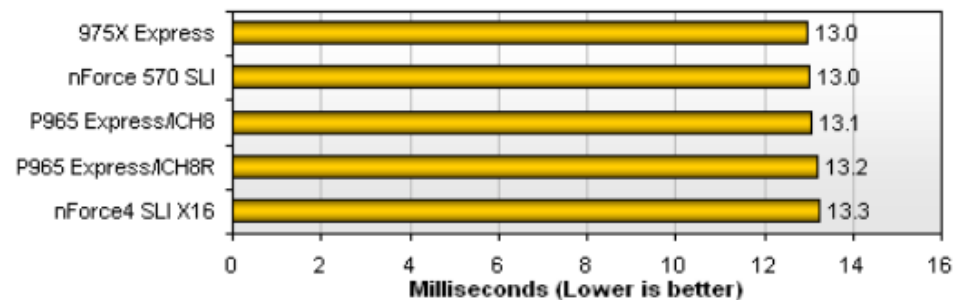
Serial ATA Average read speed



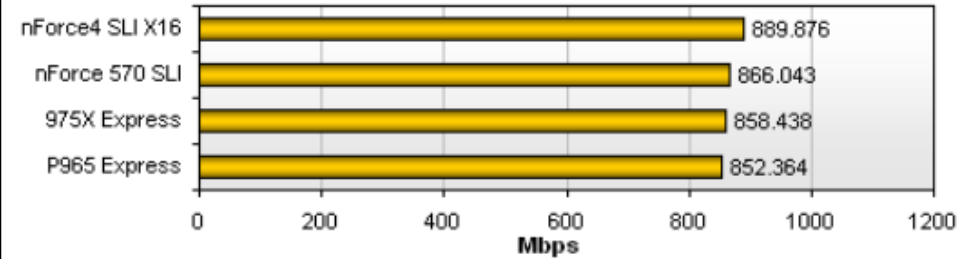
Serial ATA Average write speed



Serial ATA Access time



PCI performance - NTttcp Ethernet throughput



PCI performance - NTttcp Ethernet CPU utilization

