

FIRST ASSIGNMENT

ORGANIZATION AND ARCHITECTURE COMPUTER



Disusun oleh:

Nama : Assyati Amadjida T.M.
NIM : L200164006
Kelas : X

**FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA**

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Brief Computer Specification

Computer Name : ASSYATI
Computer Type : ASUS X456UQ
Computer OS : Microsoft Windows 10 Enterprise (x64) Build 17134.407 (1803/RS4)
CPU Brand Name : Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz
CPU Technology : 14 nm
Number of CPU Cores : 2
Number of Logical CPUs: 4
Computer RAM : 8 GBytes

Computer Cache Analysis

No	Parameter	Analysis
1	Cache Size <ul style="list-style-type: none">L1-CacheL2-CacheL3-Cache	64 Kbytes 512 Kbytes 4096 KBytes
2	Cache Location <ul style="list-style-type: none">L1-CacheL2-CacheL3-Cache	Internal Internal Internal
3	Cache Speed <ul style="list-style-type: none">L1-CacheL2-CacheL3-Cache Main Memory (ns) (MAX) <ul style="list-style-type: none">Cycle Time (ns)(MAX)Latency Time (ns)(MAX)Main Memory Speed	unknown unknown unknown 1,6 ns 13,5 ns 21,6 ns
4	Processor Type <ul style="list-style-type: none">Processor NameOriginal Processor FrequencyCPU Technology	Intel Core i7-6500U 2600.0 MHz 14 nm
5	Main Memory <ul style="list-style-type: none">TypeSizeManufacture	DDR4 SDRAM 8 Gbytes SK Hynix