



## **Ahsanullah University of Science & Technology**

### **Department of Computer Science & Engineering**

**Course No** : CSE 1108  
**Course Title** : Introduction to Computer Systems  
**Assignment No** : 1

**Date of Submission** : 01. 01. 2022

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&  
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#### **Submitted By-**

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**Section** :A2

PARTS	DESCRIPTION	PRICE
Case	Xtreme V9 Full Window ATX Case [0.55MM Spec. black body. motherboard support: ATX, Micro ATX left side Panel Full Acrylic. 2x12cm 15LED Red Cooling Fans]	1,875/=
Motherboard	Asus TUF Gaming B460M-Plus Wi-Fi Intel 10th Gen Micro-ATX Motherboard [Intel LGA 1200 socket Aura Sync RGB Lighting Made for Online Gaming]	<del>14,490</del> /=
RAM (2)	PNY XLR8 Gaming EPIC-X RGB 8GB DDR4 3200MHz Desktop RAM. [Extreme Overclocking Capabilities XMP 2.0 support. CAS Latency: CL16. Voltage 1.35V]	$(4200 \times 2)/=$ =8400/=
Processor	Intel 10th Gen Core i5-10400. [UHD Graphics G30 Clock speed: 2.90 GHz up to 4.3GHz Cores-6 & Threads-12 12MB Smart Cache]	17,250/=
SSD	HP EX900 M.2 250GB PCIe NVMe Internal SSD. [PCIe 3.1 x4 3D TLC NAND]	3,450/=
PSU	Corsair CV450 450Watt 80 Plus Bronze Certified. 88% Ultra Efficient. Low-noise Operation, Stealth Mode	3,350/=

PARTS	DESCRIPTION	PRICE
CPU Cooler	Cooler Master Hyper T20 [MPN: RR-T20-20FK-R1 Two direct-contact-heat pipes large fin, strengthened performance, Rapid Heat Dissipation]	1,200/=
Monitor	Kaloc DS90 Single Arm Monitor [Counterbalance setup at ease Multiple movements Grommet & Desk clamp mounting. Weight -(2-9)kg [support monitor]	5,500/=
Mouse	Fantech T533 Wired Premium mouse [Durable and Smooth Click up to 3 Million. Premium Grade Sensor 1200 DPI USB 1.8m cable and soft-scroll]	320/=
Keyboard	Harit KB271 USB Exquisite keyboard [Streamlined and ergonomic Ultra slim and noiseproof Water proof, Interface: USB Number of keys: 104	390/=

Total = 56,165/=

With the mentioned parts I have installed we can easily build a mid range Gaming PC within 60,000/= budget.

Reference: Startech.

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THE END.