

Tugas 02 – Spesifikasi Komputer

Nama : Fata Dwi Putra

NIM : A11.2021.13905



Spesifikasi Komputer

1. Casing

: Cube Gaming Frins White



Spesifikasi

:

MODEL

: FRINS

COLOR

: BLACK / WHITE

CASE MATERIAL

: STEEL, TEMPERED GLASS, ABS

3. Mainboard Model : Gigabyte B460M DS3H V2



Spesifikasi :

Intel® Ultra Durable Motherboard with Intel® GbE with cFosSpeed, PCIe Gen3 x4 M.2, HDMI / DVI-D/ D-Sub Ports for Multiple Display, Anti-Sulfur Resistor, Smart Fan 5, RGB FUSION 2.0
Supports 10th Gen Intel® Core™ Processors and 11th Gen Intel® Core™ Processors*

Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs

NVMe PCIe Gen3 X4 M.2 Connectors

Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP

Intel® Optane™ Memory Ready

Intel® GbE LAN with cFosSpeed Internet Accelerator Software

3 Display Interfaces Support

RGB FUSION 2.0 with Multi-Zone Addressable LED Light Show Design, Support Addressable LED & RGB LED Strips

Anti-Sulfur Resistors Design

Q-Flash Plus Update BIOS without Installing the CPU、Memory and Graphics Card

Sumber : <https://www.gigabyte.com/Motherboard/B460M-DS3H-V2-rev-10#kf>

4. RAM : XLR8 Gaming 16 GB DDR4 3200MHz



Spesifikasi :

16GB KIT (2X8GB) XLR8 GAMING EPIC-X RGB DDR4 3200MHZ

Features

PC Type/Memory Type Desktop DDR4

Capacity 16GB (2x8GB) Channel Type Dual Channel Kit

Frequency Speed (JEDEC) 3200MHz (PC4-25600)

CAS Latency CL16

Voltage 1.35V XMP Support* Yes

Speed Compatibility 3200MHz, 3000MHz, 2933MHz, 2800MHz, 2666MHz, 2400MHz, 2133MHz

OS Compatibility Windows 10 and older

Sumber : [https://shopee.co.id/RAM-PNY-XLR8-RGB-16GB-DDR4-PC-25600-\(3200Mhz\)-KIT-DUAL-WHITE-BLACK-i.127261085.8352322737](https://shopee.co.id/RAM-PNY-XLR8-RGB-16GB-DDR4-PC-25600-(3200Mhz)-KIT-DUAL-WHITE-BLACK-i.127261085.8352322737)

5. Storage 1 : SSD V-Gen NVME 256 GB Hyper
Spesifikasi :



Kapasitas : 128GB, 256GB, 512GB, 1TB, 2TB

Dimensi : 80,15 x 22,15 x 2,38 (mm)

Baca hingga 3500 MB/dtk

Tulis hingga 2500 MB/dtk

Interfaces : NVMe express 1.3, PCIe Gen 3.0 x4

Faktor Bentuk : M.2 (2280)

Garansi NGFF : 3 tahun penggantian

Dukungan TRIM : Ya (Memerlukan Dukungan OS)

Pengumpulan Sampah : Kesalahan Algoritma Pengumpulan Sampah Otomatis
Pencatatan : YA EDGE
Tipe Konektor : M-Key
PIN : Pin 59-66 (Kunci M)
Dukungan SOCKET : Hanya M-Key
Manajemen Daya Tingkat Lanjut: YA
Dukungan Mode Tidur Perangkat: YA
Suhu Operasi : 0 °C – 70 °C
Volume : +/- 20 gr
Sumber : <https://www.v-gen.co.id/ssd/v-gen-ssd-m-2-nvme/>

Storage 2 : HDD WD Blue 1TB

Spesifikasi :



Berat Produk :0.94 kg
Tipe : Hard Drive Internal 3.5"
Antarmuka / Interface : SATA III
Kecepatan Putaran / RPM : 7200
Dimensi Produk : 14.6 x 10 x 2.6 cm (LxWxH)
Sumber : <https://www.bhinneka.com/wd-blue-1tb-wd10ezex-skusku01112371>

6. VGA Card : NVIDIA GeForce RTX 2060 6GB DDR6



Spesifikasi :

Chip Series : GeForce® RTX 2060
Product Series : Colorful Series
GPU Code Name : TU106
Manufacturing Process : 12nm
CUDA Cores : 1920
Core Clock : Base: 1365Mhz; Boost:1680Mhz
Memory Speed Grade : 14Gbps
Memory Size : 6GB
Memory Bus Width : 192bit
Memory Type : GDDR6
Memory Bandwidth : 336 GB/S
Power Connector : 8pin
Power Supply : 6+2
TDP : 160W
Display Ports : DP+HDMI+DVI
Fans Type : FAN
Heat Pipe Number/Spec : 2*φ8
Power Suggest : 500W
DirectX : 12.1/4.5
NV technology Support : Real-Time Ray Tracing, Ansel, GPU Boost
Slot Number : 2 slot
Product Size : 222*126*42mm
Product Weight : 0.9KG(N.W)
Accessories : Warranty Card, Manual
Sumber : https://en.colorful.cn/product_show.aspx?mid=102&id=1842

7. Power Supply : Power Supply FSP HV PRO 650W 80+



Spesifikasi :

Sesuai Dengan: ATX12 v2.52 & EPS12 v2.92

Efisiensi Beban Tipikal: 85%

PFC Aktif: ≥ 0.9

Beban Tahan Waktu: > 17ms @ 80%

Desain Rel Tunggal: +12V

Module Design : +5V & 3,3V DC ke DC

Ukuran kipas: 120mm dengan bahan kualitas tinggi dan tidak berisik

Perlindungan Lengkap: OCP / OVP / OPP / SCP

Sumber : <https://www.fsplifestyle.com/PROP203004469/>

8. Monitor : ViewSonic XG 2405



Spesifikasi :

DISPLAY

Display Size (in.): 24

Viewable Area (in.): 23.8

Panel Type: IPS Technology

Resolution: 1920 x 1080

Resolution Type: FHD

Static Contrast Ratio: 1,000:1 (typ)

Dynamic Contrast Ratio: 80M:1

Light Source: LED

Brightness: 250 cd/m² (typ)

Colours: 16.7M

Colour Space Support: 8 bit (6 bit + Hi-FRC)

Aspect Ratio: 16:9

Response Time (Typical GTG): 1ms

Viewing Angles: 178° horizontal, 178° vertical

Backlight Life (Hours): 30000 Hrs (Min)

Curvature: Flat

Refresh Rate (Hz): 144

Adaptive Sync: FreeSync

Blue Light Filter: Yes

Flicker-Free: Yes

Colour Gamut: NTSC: 72% size (Typ)

sRGB: 104% size (Typ)

Pixel Size: 0.275 mm (H) x 0.275 mm (V)
Surface Treatment: Anti-Glare, Hard Coating (3H)

Compatibility

PC Resolution (max): 1920x1080
Mac® Resolution (max): 1920x1080
PC Operating System: Windows 10 certified; macOS tested
Mac® Resolution (min): 1920x1080
3.5mm Audio Out: 1
HDMI 1.4: 2
Display Port: 1
Power in: 3-pin Socket (IEC C14 / CEE22)

Audio

Internal Speakers: 2Watts x2

Power

Eco Mode (Conserve): 17W
Eco Mode (Optimised): 21W
Consumption (typical): 24W
Consumption (max): 30W
Voltage: AC 100-240V, 50/60 Hz
Stand-by: 0.5W
Power Supply: Internal

Additional Hardware

Kensington Lock Slot: 1
Cable Organisation: Yes

Controls

Physical Controls: Key 1 (favorite), Key 2, Key 3, Key 4, Key 5 (power)
On Screen Display: Input Select, Audio Adjust, ViewMode, Color Adjust, Manual
Image Adjust, Setup Menu

Operating Conditions

Temperature: 32°F to 104°F (0°C to 40°C)
Humidity (non-condensing): 20% to 90%

Wall Mount

VESA Compatible: 100 x 100 mm

Input Signal

Frequency Horizontal: 30 ~ 180KHz
Frequency Vertical: 47 ~ 144Hz

Video Input

Digital Sync: TMDS - HDMI (v1.4), PCI-E - DisplayPort (v1.2)

Ergonomics

Height Adjust (mm): 120

Swivel: 90°

Tilt (Forward/Back): -5° / 20°

Pivot (Right/Left): 90° / 0°

Weight (metric)

Net (kg): 6.7

Net Without Stand (kg): 3.4

Gross (kg): 8.4

Dimensions (metric) (wxhxd)

Packaging (mm): 699 x 402 x 182

Physical (mm): 540 x 521 x 239

Physical Without Stand (mm): 540 x 325 x 43

General

Regulations: cTUVus, FCC-B, ICES003, CEC, MX-CoC, Mexico Energy, CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, BSMI, RCM, GEMS, VCCI, PSE, KC, e-Standby, BIS, CCC, China RoHS, China Energy Label

PACKAGE CONTENTS: XG2405 x1, 3-pin Plug (IEC C13 / CEE22) x1, HDMI Cable (v1.4; Male-Male) x1, Quick Start Guide x1

Recycle/Disposal: Please dispose of in accordance with local, state or federal laws.

Warranty: *Warranty offered may differ from market to market

Sumber : <https://www.viewsonic.com/global/products/lcd/XG2405>