

# **GR Fabrica Digital**

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## **COTIZACIÓN**

lunes, 21 de septiembre de 2020

Ale

<b>Producto</b>	<b>Cant.</b>	<b>Precio</b>	<b>Monto</b>
Board - MSI PRO Z490-A PRO LGA 1200 Intel ATX	1	\$4,665.00	\$4,665.00
Case - Corsair Crystal Series 570X RGB Gaming[CC-9011098-WW]*	1	\$5,175.00	\$5,175.00
CPU - Intel Core i7-10700 Comet Lake 8-Core 2.9 GHz LGA 1200	1	\$10,175.00	\$10,175.00
D.Líquido - CORSAIR iCUE H100i RGB PRO XT 240mm [CW-9060043-WW]	1	\$3,315.00	\$3,315.00
DDR4 - ADATA XPG D60 RGB 8GB 4133Mhz [AX4U413338G19J-ST60]	4	\$1,775.00	\$7,100.00
GPU - ASUS GeForce RTX 2070 Super Gaming Overclocked GDDR6	1	\$15,175.00	\$15,175.00
HDD 3.5 - WD Black 2TB Performance 7200 RPM [WD2003FZEX]	1	\$3,635.00	\$3,635.00
Monitor - LG Full HD 27" 1ms 144Hz G-SYNC Gaming [27GL650F-B]*	1	\$8,853.00	\$8,853.00
PSU - EVGA 850W BQ 80 Plus Bronze S-Modular [110-BQ-0850-V1]*	1	\$4,175.00	\$4,175.00
SSD M.2 - KINGSTON 240GB SATA III [SUV500M8/240G]	1	\$1,175.00	\$1,175.00
			<b>TOTAL: \$63,443.00</b>

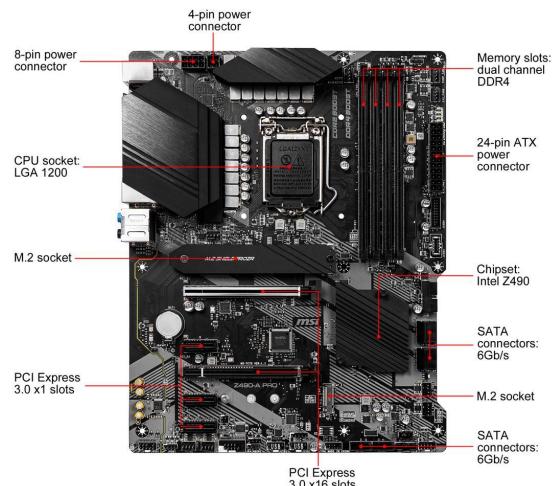
Nota: Los precios y la disponibilidad están sujetos a cambio sin previo aviso.

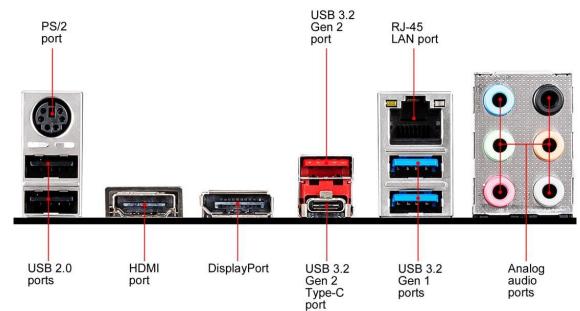
## Detalles Técnicos

A continuación, se detallan cada uno de los productos listados en la cotización.

### Board - MSI PRO Z490-A PRO LGA 1200 Intel ATX

{Neweld:N82E16813144306}







## Case - Corsair Crystal Series 570X RGB Gaming[CC-9011098-WW]\*

Corsair Crystal Series 570X RGB CC-9011098-WW Steel /  
Tempered Glass ATX Mid Tower Case

NeweggId: N82E16811139087  
Computer Cases

Model  
Brand: Corsair  
Series: Crystal Series 570X RGB

Model: CC-9011098-WW

#### Details

Type: ATX Mid Tower

Color: Black

Case Material: Steel / Tempered Glass

With Power Supply: No

Power Supply Mounted: Bottom

Motherboard Compatibility: Mini-ITX / MicroATX / ATX (Up to 272mm)

Side Panel Window: Yes

LED: RGB

#### Expansion

Internal 3.5" Drive Bays: 2

Internal 2.5" Drive Bays: 2

Expansion Slots: 7

#### Front Panel Ports

Front Ports: 2 x USB 3.0 / 1 x Headphone Port / 1 x

Microphone Port

#### Cooling System

Fan Options: Front: 2 x 140mm / 3 x 120mm fan (3 x 120mm RGB LED fan Included)

Rear: 1 x 120mm fan

Top: 2 x 120mm / 2 x 140mm fan

Radiator Options: Front - Up to 240mm / Front - Up to 280mm / Front - Up to 360mm / Rear - Up to 120mm / Top - Up to 120mm / Top - Up to 240mm

#### Dimensions & Weight

Max GPU Length Allowance: 370 mm

Max CPU Cooler Height Allowance: 170 mm

Dimensions (H x W x D): 20.16" x 9.21" x 18.90"

Weight: 24.03 lbs.

#### Additional Info

Features: Tempered glass panels on the front, top, and sides of the case: Possibly the most beautiful case CORSAIR has ever made. With tempered glass enclosing the entire chassis, every component of your build is on display for all to see.

Direct airflow path to keep your CPU and GPU running cooler: Three included SP120 RGB LED fans and included LED controller keeps your components running cool. Each SP120 RGB LED fan is equipped with vivid, customizable LED lights, enabling even further personalization for your build.

Room for virtually anything: Room for up to six case fans, and fully compatible with 360mm, 280mm, 240mm, and 120mm radiators. Removable fan trays in the front and top of the chassis allows for additional space or mounting cooling outside of the chassis.

Cable management made simple: Cable routing channels with included velcro cable straps for clean cable management.













## CPU - Intel Core i7-10700 Comet Lake 8-Core 2.9 GHz LGA 1200

Intel Core i7-10700 Comet Lake 8-Core 2.9 GHz LGA 1200  
65W BX8070110700 Desktop Processor Intel UHD  
Graphics 630

NeweggId: N82E16819118126  
Processors - Desktops

Model  
Brand: Intel  
Processors Type: Desktop  
Series: Core i7 10th Gen  
Name: Core i7-10700  
Model: BX8070110700



Details  
CPU Socket Type: LGA 1200  
Core Name: Comet Lake  
# of Cores: 8-Core  
# of Threads: 16  
Operating Frequency: 2.9 GHz  
Max Turbo Frequency: 4.80 GHz  
Bus Speed: 8 GT/s  
L3 Cache: 16MB  
Manufacturing Tech: 14nm  
64-Bit Support: Yes  
Hyper-Threading Support: Yes  
Memory Types: DDR4 2933  
Memory Channel: 2  
Virtualization Technology Support: Yes  
Integrated Graphics: Intel UHD Graphics 630  
Graphics Base Frequency: 350 MHz  
Graphics Max Dynamic Frequency: 1.2 GHz  
PCI Express Revision: 3.0  
Max Number of PCI Express Lanes: 16  
Thermal Design Power: 65W  
Cooling Device: Heatsink and fan included



Additional Information  
Date First Available: April 02, 2020



## D.Liquido - CORSAIR iCUE H100i RGB PRO XT 240mm [CW-9060043-WW]

CORSAIR iCUE H100i RGB PRO XT, 240mm Radiator, Dual 120mm PWM Fans, Software Control, Liquid CPU Cooler, CW-9060043-WW

NeweggId: N82E16835181190  
Water / Liquid Cooling

### Model

Brand: CORSAIR  
Series: iCUE H100i RGB PRO XT  
Model: CW-9060043-WW  
Type: Liquid Cooling System

### Block

Block Compatibility: Intel LGA 2066 / 2011-3 / 2011 / 1156 / 1155 / 1151 / 1150 / 1200

AMD sTR4 / AM4  
Block Material: Copper

### Radiator

Radiator Dim.: 277mm x 120mm x 27mm / 10.91" x 4.72" x 1.06"  
Radiator Material: Aluminum

### Fan

Fan Size: 2 Fan Slots (120mm)  
Fan Dim.: 120mm x 120mm x 25mm / 4.72" x 4.72" x 0.98"  
Fan RPM: 400 - 2400 RPM  
Fan Air Flow: 75 CFM (Max.)  
Fan Noise: 36 dB(A)  
Color: Black  
LED Color: RGB Pump Head

### Tube

Tube Material: Rubber

### Features

Features: Magnetic Levitation Fans: Two 120mm CORSAIR ML Series fans deliver improved airflow for extreme CPU cooling performance.

Dynamic Multi-Zone RGB Pump Head: 16 Individually addressable RGB LEDs light up the pump head to produce stunning, customizable lighting effects to match your build.

Extreme CPU Cooling: Experience incredible cooling performance, with each fan running from 400 to 2,400 RPM while in operation.

Zero RPM Mode: Zero RPM cooling profiles in CORSAIR



iCUE software allow fans to stop entirely at low temperatures, eliminating fan noise.

**Powerful iCUE Software:** Control and synchronize your cooler's RGB lighting with all iCUE compatible devices, monitor CPU and coolant temperatures and adjust fan and pump speeds, all from a single intuitive interface.

**High Performance Cold Plate and Pump:** Equipped with a thermally optimized cold plate and low-noise pump design for high performance, quiet cooling.

**240mm Radiator:** An expanded radiator core delivers high cooling surface area and performance.

**Easy to Install:** Modular, tool-free mounting bracket for quick and painless installation.

#### Package Contents

Package Contents: CORSAIR iCUE H100i RGB PRO XT

Liquid CPU Cooler

Mounting kit for all modern CPU sockets

Two ML Series PWM 120mm fans

Fan and radiator mounting screws

USB cable for Corsair iCUE Integration

Thermal compound (pre-applied)

Quick Start Guide

#### Group

Option: 240mm Radiator

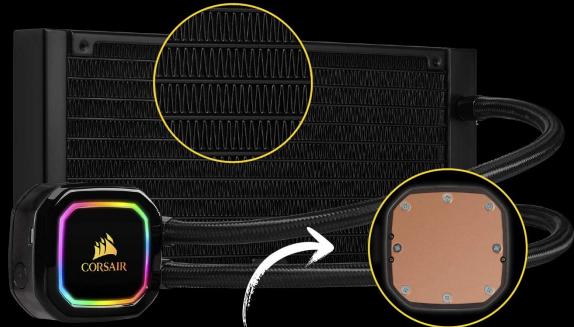
#### Additional Information

Date First Available: December 24, 2019



## 240MM DUAL FAN RADIATOR

Wide compatibility with most enthusiast PC cases and high surface area for superb cooling performance.



## OPTIMIZED COPPER COLD-PLATE

Efficiently draws heat away from your CPU, lowering temperatures and enabling maximum overclocks.

## 16 INDIVIDUALLY ADDRESSABLE RGB LEDs

Add vivid color to your system with RGB lighting from 16 LEDs on the pump head.



Control RGB lighting, adjust fan speeds, and set automated fan curves with CORSAIR iCUE software.



## EXTREME CPU COOLING

Two CORSAIR ML120 PWM fans running from 400 up to 2,400 RPM for low-noise performance cooling.

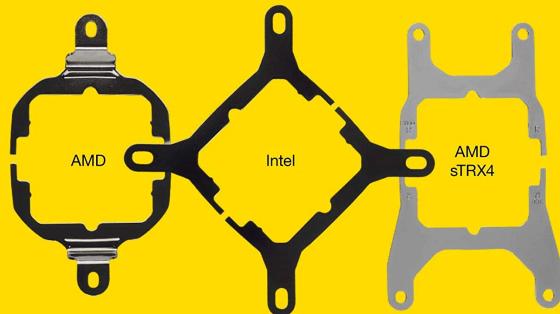


RPM per fan while in operation.



## WIDE COMPATIBILITY

Modular, tool-free mounting bracket for quick and painless installation on all major CPU sockets.



### CPU & Socket Compatibility:

Intel® Sockets: 1150, 1151, 1155, 1156, 1200, 1366, 2011, 2011-3, 2066  
AMD Sockets: AM2, AM3, AM4, FM1, FM2, sTR4, sTRX4



## GPU - ASUS GeForce RTX 2070 Super Gaming Overclocked GDDR6

ASUS GeForce RTX 2070 Super Overclocked 8G EVO  
GDDR6 Dual-Fan Edition HDMI DisplayPort Gaming  
Graphics Card (DUAL-RTX2070S-O8G-EVO)

NeweggId: N82E16814126332  
Desktop Graphics Cards

Model  
Brand: ASUS  
Series: Dual  
Model: DUAL-RTX2070S-O8G-EVO

Interface  
Interface: PCI Express 3.0

Chipset  
Chipset Manufacturer: NVIDIA  
GPU: GeForce RTX 2070 SUPER  
Core Clock: OC mode: 1635 MHz  
Gaming mode: 1605 MHz  
Boost Clock: OC mode: 1845 MHz  
Gaming mode: 1815 MHz  
CUDA Cores: 2560

Memory  
Effective Memory Clock: 14000 MHz  
Memory Size: 8GB  
Memory Interface: 256-Bit  
Memory Type: GDDR6

3D API  
DirectX: DirectX 12  
OpenGL: OpenGL 4.6

Ports  
HDMI: 1 x HDMI 2.0b  
Multi-Monitor Support: 4  
DisplayPort: 3 x DisplayPort 1.4

Details  
Max Resolution: 7680 x 4320  
SLI Support: SLI Ready  
Virtual Reality Ready: Yes  
Cooler: Double Fans  
Thermal Design Power: 235W  
System Requirements: Recommended PSU: 650W  
Power Connector: 1 x 6-pin, 1 x 8-pin  
HDCP Ready: 2.2

Features  
Features: RT Cores: Dedicated ray tracing hardware  
enables fast real-time ray tracing of objects and  
environments with physically accurate shadows, reflections,  
refractions, and global illumination.

Concurrent Floating Point and Integer Processing: Turing  
GPUs more efficiently process the compute heavy  
workloads of modern games.

Ultra-fast GDDR6: Experience up to 496 GB/s of memory  
bandwidth for high-speed, high-resolution gaming.

Axial-tech fan design features a smaller fan hub that  
facilitates longer blades and a barrier ring that increases  
downward air pressure.

0dB Technology lets you enjoy light gaming in relative  
silence.

2.7-slot Design expands cooling surface area to make the  
most of the two powerful Axial-tech fans.

Auto-Extreme Technology uses automation to enhance  
reliability.



A Protective backplate secures components during transportation and installation.

GPU Tweak II provides intuitive performance tweaking, thermal controls, and system monitoring.

144-hour Validation Program puts cards through a series of stringent tests to ensure compatibility with the latest games.

#### Form Factor & Dimensions

Max GPU Length: 267 mm

Card Dimensions (L x H): 10.51" x 4.65"

Slot Width: 2.7 slot

#### Packaging

Package Contents: Accessories:

1 x Quick Guide

#### Group

Option: DUAL-RTX2070S-O8G-EVO

#### Additional Information

Date First Available: July 17, 2019

## HDD 3.5 - WD Black 2TB Performance 7200 RPM [WD2003FZEX]

WD Black 2TB Performance Desktop Hard Disk Drive - 7200 RPM SATA 6Gb/s 64MB Cache 3.5 Inch - WD2003FZEX

NeweggId: N82E16822236624  
Desktop Internal Hard Drives

#### Model

Brand: WD

Series: Black

Model: WD2003FZEX

Packaging: Bare Drive

#### Performance

Interface: SATA 6.0Gb/s  
Capacity: 2TB  
RPM: 7200 RPM  
Cache: 64MB

#### Features

Features: Performance storage available in up to 6TB capacities

2X DRAM cache up to 256MB for faster read operations

Designed for creative professionals, gamers, and system builders

Western Digital's StableTrac and Dynamic Cache Technology increase reliability and optimize performance  
Usage: Gaming Hard Drives

#### Dimensions

Form Factor: 3.5"

Height (maximum): 26.10mm

Width (maximum): 101.60mm

Length (maximum): 147.00mm

#### Additional Information

Date First Available: October 29, 2013







## **Monitor - LG Full HD 27" 1ms 144Hz G-SYNC Gaming [27GL650F-B]\***

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LG 27GL650F-B 27" Full HD 1920 x 1080 5ms (GTG at Faster), 1ms MBR 144 Hz HDMI, DisplayPort AMD FreeSync NVIDIA G-SYNC Compatible Gaming Monitor

NeweggId: N82E16824025971  
Gaming Monitors

Model  
Brand: LG  
Model: 27GL650F-B  
Cabinet Color: Black  
Bezel Design: 3-Side Virtually Borderless Design



Display  
Screen Size: 27"  
Widescreen: Yes  
Recommended Resolution: 1920 x 1080  
Refresh Rate: 144 Hz  
Viewing Angle: 178° (H) / 178° (V)  
Pixel Pitch: 0.311mm  
Display Colors: 16.7 Million  
Brightness: 400 cd/m<sup>2</sup>  
Contrast Ratio: 1,000:1  
Aspect Ratio: 16:9  
Response Time: 5ms (GTG at Faster), 1ms MBR  
Panel: IPS  
Display Type: Full HD  
Adaptive Sync Technology: AMD FreeSync  
NVIDIA G-SYNC Compatible

Connectivity  
Input Video Compatibility: Digital  
Connectors: HDMI, DisplayPort  
HDMI: 2

DisplayPort: 1

#### Power

Power Supply: 100 - 240 VAC, 50/60Hz  
Power Consumption: 30W (Typ.)  
28W (Energy Star)  
35W (Max.)  
< 0.3W (Power Save/Sleep Mode)

#### Convenience

Regulatory Approvals: UL(cUL), TUV-Type, CB, FCC-B, CE, CCC (for China), KC, VCCI, ErP, RoHS, REACH, PVC-Free  
Stand Adjustments: Tilt (Angle): -5 (+/-3) ~ 15 (+/-3)  
Height (mm): 110mm  
VESA Compatibility - Mountable: 100 x 100mm  
Features: NVIDIA G-SYNC Compatible: Yes  
Adaptive-Sync (Radeon FreeSync): Yes  
Black Stabilizer: Yes  
Dynamic Action Sync: Yes  
Crosshair: Yes  
Flicker Safe: Yes  
Smart Energy Saving: Yes  
Reader Mode: Yes  
Color Calibrated: Yes  
On Screen Control (OSC): Yes  
HDR (High Dynamic Range): HDR10  
1ms Motion Blur Reduction: Yes  
3-Side Virtually Borderless Design: Yes

#### Dimensions & Weight

Dimensions (H x W x D): 22.60" x 24.20" x 10.80" w/ stand  
14.40" x 24.20" x 1.80" w/o stand  
Weight: 14.10 lbs. w/ stand  
9.90 lbs. w/o stand

#### Additional Information

Date First Available: October 26, 2019

## PSU - EVGA 850W BQ 80 Plus Bronze S-Modular [110-BQ-0850-V1]\*

EVGA 850 BQ 110-BQ-0850-V1 80+ BRONZE 850W Semi Modular Includes FREE Power On Self Tester Power Supply

NeweggId: 9SIAD6H5UR8275  
Power Supplies

#### Model

Brand: EVGA

Model: 110-BQ-0850-V1

#### Details

Maximum Power: 850W  
Fans: 140mm Teflon Nano-Steel Bearing  
Main Connector: 24Pin  
PCI-Express Connector: 3 x 6-Pin, 3 x 6+2-Pin  
SATA Power Connector: 10  
Modular: Semi-Modular  
Efficiency: 85% efficiency or higher under typical loads  
Energy-Efficient: 80 PLUS BRONZE Certified  
Over Voltage Protection: Yes  
Overload Protection: Yes  
Input Voltage: 100 - 240 V  
Input Frequency Range: 50/60 Hz  
Input Current: 12A  
Output: +3.3V@24A, +5V@20A, +12V@70A, +5Vsb@3A, -12V@0.3A  
MTBF: 100,000 Hour(s)  
Approvals: TUV, CE, FCC, cTUVus, BSMI, CCC, WEEE, RoHS  
Compliance with ErP Lot 6 2013 Requirement  
Dimensions: 3.37" x 5.91" x 5.51"  
Weight: 7.00 lbs.



## Features

Connectors: 24-Pin ATX: 1x

EPS (CPU): 2x 8-Pin (4+4)

PCIE: 3x 8pin (6+2), 3x 6pin

SATA: 10x

Four-Pin Peripheral: 5x

Floppy: 1x

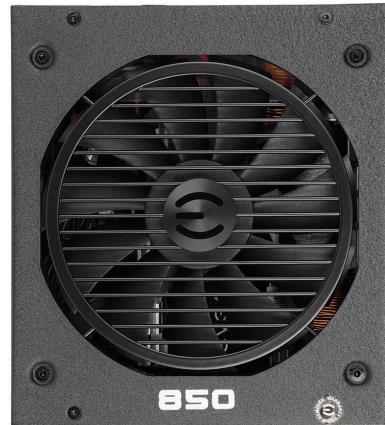
Features: Heavy-duty protections, including OVP (Over Voltage Protection), UVP (Under Voltage Protection), OCP (Over Current Protection), OPP (Over Power Protection), and SCP (Short Circuit Protection)

High Amperage Single-Rail design for maximum power and efficiency

80 PLUS Bronze certified, with 85% efficiency or higher under typical loads

Group

Model: BQ Series





## SSD M.2 - KINGSTON 240GB SATA III [SUV500M8/240G]

KINGSTON SUV500M8/240G Kingston SSDNow UV500 240GB M.2 SATA3 Solid State Drive (TLC)

NeweggId: 9SIA25VA7E7081  
Internal SSDs

Additional Information  
Date First Available: October 11, 2019

