

Diseno de equipos.

6. Estructura de computadoras

Leonardo Daniel Blanco Camacho
22050762
Hora clase: 7:00-8:00 pm

❓ GAMA BAJA

Intel Pentium Gold G6400

- **Procesador:** Intel Pentium Gold G6400 \$1,789

https://www.mercadolibre.com.mx/procesador-intel-pentium-g6400-bx80701g6400-nucleos-y-4ghz-de-frecuencia-con-grafica-integrada/p/MLM16100685#polycard_client=search-nordic&searchVariation=MLM16100685&wid=MLM862778806&position=2&search_layout=stack&type=product&tracking_id=4f3c0368-4a3c-49c5-ae48-a8e3d98505a6&sid=search

- **Placa base:** ASUS PRIME H510M-E (LGA 1200, chipset H510) \$1,415

https://www.mercadolibre.com.mx/motherboard-gigabyte-h510m-k-v2-ddr4-socket-1200-intel-nnet/p/MLM33305337#polycard_client=search-nordic&searchVariation=MLM33305337&wid=MLM2310535801&position=2&search_layout=stack&type=product&tracking_id=0f95370e-01e1-4491-9f25-dbb43718d6fb&sid=search

- **RAM:** 8 GB DDR4 2666 MHz (1x8 GB) \$350

https://www.mercadolibre.com.mx/8gb-memoria-ram-1rx8-ddr4-2666-mhz-pc4-21300-sodimm-rasalas/p/MLM43992718#polycard_client=search-nordic&searchVariation=MLM43992718&wid=MLM3481910312&position=11&search_layout=stack&type=product&tracking_id=8e933224-5474-496d-bade-538a7237a251&sid=search

- **Almacenamiento:** SSD 240 GB SATA \$349

https://www.mercadolibre.com.mx/disco-solido-ssd-interno-240gb-sata-iii-kingtiwon-ssd-25-color-negro/p/MLM45256054?pdp_filters=item_id:MLM2216101581#wid=MLM2216101581&sid=search&is_advertising=true&searchVariation=MLM45256054&backend_model=search-backend&position=1&search_layout=stack&type=pad&tracking_id=c45b02a1-5312-4c2f-8bc8-212623ecf246&is_advertising=true&ad_domain=VQCATCORE_LST&ad_position=1&ad_click_id=MDZjY2E0M2QtMzdkMS00OTdhLTlhZTYtYzUyZDhiYTEzZjM3

- **Gráficos:** Integrados (Intel UHD 610)

- **Fuente de poder:** 400W 80+ White \$1,478

https://www.mercadolibre.com.mx/fuente-de-poder-cooler-master-elite-400w-full-range-v3-color-negro/p/MLM25822871#polycard_client=search-nordic&searchVariation=MLM25822871&wid=MLM3590479028&position=15&search_layout=stack&type=product&tracking_id=ff23d9ed-d704-4432-94ee-7fd7f36ba01f&sid=search

- **Gabinete:** Micro ATX con ventilación básica \$999

https://articulo.mercadolibre.com.mx/MLM-648040994-gabinete-gamer-xzeal-xz110-rgb-atx-4-ventiladores-xzcgbl2b-_JM?searchVariation=28776255676#polycard_client=search-nordic&searchVariation=28776255676&position=36&search_layout=stack&type=item&tracking_id=572820fd-426b-47e9-a131-d11f43c216e7

AMD Athlon 3000G

- **Procesador:** AMD Athlon 3000G \$1,079

https://www.mercadolibre.com.mx/procesador-amd-athlon-3000g-yd3000c6fhbox-de-2-nucleos-y-35ghz-de-frecuencia-con-grafica-integrada/p/MLM15285294#polycard_client=search-nordic&searchVariation=MLM15285294&wid=MLM2989929414&position=2&search_layout=stack&type=product&tracking_id=0bbb2fba-5685-4e8c-8453-7ce086f01944&sid=search

- **Placa base:** ASUS A320M-K (AM4) \$2,047

https://articulo.mercadolibre.com.mx/MLM-3446761476-motherboard-gigabyte-b550m-k-ddr4-amd-am4-_JM?searchVariation=185926034271#polycard_client=search-nordic&searchVariation=185926034271&position=12&search_layout=stack&type=item&tracking_id=d1ddff1a-ec0a-4470-bce0-e0daab893348

- **RAM:** 8 GB DDR4 2666 MHz (1x8 GB) \$350

https://www.mercadolibre.com.mx/8gb-memoria-ram-1x8-ddr4-2666-mhz-pc4-21300-sodimm-rasalas/p/MLM43992718#polycard_client=search-nordic&searchVariation=MLM43992718&wid=MLM3481910312&position=2&search_layout=stack&type=product&tracking_id=515cfc4f-1d7e-4fc1-9322-79013c6fdf9c&sid=search

- **Almacenamiento:** SSD 240 GB SATA \$348

https://www.mercadolibre.com.mx/disco-solido-ssd-interno-240gb-sata-iii-kingtiwon-ssd-25-color-negro/p/MLM45256054?pdp_filters=item_id:MLM2216101581#wid=MLM2216101581&sid=search&is_advertising=true&searchVariation=MLM45256054&backend_model=search-backend&position=1&search_layout=stack&type=pad&tracking_id=15f63bdf-da03-4b8e-b962-a097a0ea3564&is_advertising=true&ad_domain=VQCATCORE_LST&ad_position=1&ad_click_id=YzY2ZjEwNDgtNTMyNy00ZGMxLTlmMDAtNjBmZTJjMDUyZDRi

- **Gráficos:** Integrados (Radeon Vega 3)
- **Fuente de poder:** 400W 80+ White \$1,478

https://www.mercadolibre.com.mx/fuente-de-poder-cooler-master-elite-400w-full-range-v3-color-negro/p/MLM25822871#polycard_client=search-nordic&searchVariation=MLM25822871&wid=MLM3590479028&position=18&search_layout=stack&type=product&tracking_id=d9d65ccb-36ed-4b3c-897c-880f828ab2bd&sid=search

- **Gabinete:** Micro ATX sencillo \$1,510

https://www.mercadolibre.com.mx/gabinete-media-torre-balam-rush-tank-pro-micro-atx-rgb-gm930-color-negro/p/MLM26843682#polycard_client=search-nordic&searchVariation=MLM26843682&wid=MLM3039922846&position=2&search_layout=stack&type=product&tracking_id=3422583b-a23f-46dd-9f52-29de506a0f78&sid=search

GAMA MEDIA

Intel Core i3-12100F

- **Procesador:** Intel Core i3-12100F \$2,624 [https://www.mercadolibre.com.mx/procesador-intel-](https://www.mercadolibre.com.mx/procesador-intel-core-i3-12100-bx8071512100-de-4-nucleos-y-43ghz-de-frecuencia-con-grafica-integrada/p/MLM19453425#polycard_client=search-nordic&searchVariation=MLM19453425&wid=MLM3534473260&position=16&search_layout=stack&type=product&tracking_id=0290d160-65d1-40d2-ba38-c6962e668000&sid=search)

[core-i3-12100-bx8071512100-de](https://www.mercadolibre.com.mx/procesador-intel-core-i3-12100-bx8071512100-de-4-nucleos-y-43ghz-de-frecuencia-con-grafica-integrada/p/MLM19453425#polycard_client=search-nordic&searchVariation=MLM19453425&wid=MLM3534473260&position=16&search_layout=stack&type=product&tracking_id=0290d160-65d1-40d2-ba38-c6962e668000&sid=search)

[-4-nucleos-y-43ghz-de-frecuencia-con-grafica-integrada/p/MLM19453425#polycard_client=search-nordic&searchVariation=MLM19453425&wid=MLM3534473260&position=16&search_layout=stack&type=product&tracking_id=0290d160-65d1-40d2-ba38-c6962e668000&sid=search](https://www.mercadolibre.com.mx/procesador-intel-core-i3-12100-bx8071512100-de-4-nucleos-y-43ghz-de-frecuencia-con-grafica-integrada/p/MLM19453425#polycard_client=search-nordic&searchVariation=MLM19453425&wid=MLM3534473260&position=16&search_layout=stack&type=product&tracking_id=0290d160-65d1-40d2-ba38-c6962e668000&sid=search)

- **Placa base:** MSI PRO B660M-A DDR4 (LGA 1700) \$1,557

https://www.mercadolibre.com.mx/tarjeta-madre-ecs-b660h7-m22-intel-b660-ddr4-in-tel-12va-gen-color-negro/p/MLM24778084#polycard_client=search-nordic&searchVariation=MLM24778084&wid=MLM1982145197&position=2&search_layout=stack&type=product&tracking_id=6fb5ba81-c7ab-4076-9f9b-c4aca02b9731&sid=search

- **RAM:** 16 GB DDR4 3200 MHz (2x8 GB) \$770

https://www.mercadolibre.com.mx/memoria-ram-corsair-vengeance-lpx-ddr4-16gb-2-x8-3200mhz-c16/p/MLM22251726#polycard_client=search-nordic&searchVariation=MLM22251726&wid=MLM3490788104&position=9&search_layout=stack&type=product&tracking_id=6448b29c-3ce4-46e7-ad21-483187403c4e&sid=search

- **Almacenamiento:** SSD NVMe 500 GB \$796

https://www.mercadolibre.com.mx/ssd-m2-nvme-500-gb-fanxiang-s660-5000-mbs-color-gris/p/MLM24429042?pdp_filters=item_id:MLM2212232349#wid=MLM2212232349&sid=search&is_advertising=true&searchVariation=MLM24429042&backend_model=search-backend&position=1&search_layout=stack&type=pad&tracking_id=9a655648-2e22-49b5-9124-87fe5ca79ec8&is_advertising=true&ad_domain=VQCATCORE_LST&ad_position=1&ad_click_id=ZWExNzMxYWItYmE0NS00NGY4LTkxNDYtOTA1NzBkMjkwMTli

- **Gráficos:** GPU dedicada (GTX 1650 4GB o RX 6400) \$8,286

https://www.mercadolibre.com.mx/tarjeta-de-video-asus-nvidia-1650-4gb-gddr6-128-bit-v-v/p/MLM16182461#polycard_client=search-nordic&searchVariation=MLM16182461&wid=MLM912678306&position=8&search_layout=stack&type=product&tracking_id=6580561d-54e2-418f-8147-bdcb189cc36e&sid=search

- **Fuente de poder:** 500W 80+ Bronze \$799

https://www.mercadolibre.com.mx/fuente-de-poder-para-pc-balam-rush-legend-serie-s-br-937702-500w-negra-127v/p/MLM43928867#polycard_client=search-nordic&searchVariation=MLM43928867&wid=MLM2812061442&position=1&search_layout=stack&type=product&tracking_id=df294e32-5f60-430e-b80a-15f5e2e5f461&sid=search

- **Gabinete:** ATX con ventilación media \$2,009

https://www.mercadolibre.com.mx/gabinete-gamer-balam-rush-media-torre-tank-master-atx-4-fan-color-blanconegro/p/MLM36933441#polycard_client=search-nordic&searchVariation=MLM36933441&wid=MLM2119627741&position=2&search_layout=stack&type=product&tracking_id=008068e5-de2e-4297-8bd9-96b577f44980&sid=search

AMD Ryzen 5 3600

- **Procesador:** AMD Ryzen 5 3600 \$3,031

https://www.mercadolibre.com.mx/procesador-amd-ryzen-5-5600x-37ghz-6-core-am4/p/MLM16328466#polycard_client=search-nordic&searchVariation=MLM16328466&wid=MLM857896384&position=13&search_layout=stack&type=product&tracking_id=17fa512e-d48c-4fec-a182-abe348aa15bb&sid=search

- **Placa base:** MSI B450M PRO-VDH MAX (AM4) \$2,160

https://www.mercadolibre.com.mx/tarjeta-madre-asus-prime-b550m-a-ac-pcie-40-dua1-m2-4x4-color-negro/p/MLM22805394#polycard_client=search-nordic&searchVariation=MLM22805394&wid=MLM3652278056&position=1&search_layout=stack&type=product&tracking_id=b151da82-88a8-4b83-9752-fffc7c80a20c&sid=search

- **RAM:** 16 GB DDR4 3200 MHz (2x8 GB) \$770

https://www.mercadolibre.com.mx/memoria-ram-corsair-vengeance-lpx-ddr4-16gb-2x8-3200mhz-c16/p/MLM22251726#polycard_client=search-nordic&searchVariation=MLM22251726&wid=MLM3490788104&position=2&search_layout=stack&type=product&tracking_id=2cfcfb8b-a25b-4505-a3ed-cd42e84a79bf&sid=search

- **Almacenamiento:** SSD NVMe 500 GB \$796

https://www.mercadolibre.com.mx/ssd-m2-nvme-500-gb-fanxiang-s660-5000-mbs-color-gris/p/MLM24429042?pdp_filters=item_id:MLM2212232349#wid=MLM2212232349&sid=search&is_advertising=true&searchVariation=MLM24429042&backend_model=search-backend&position=1&search_layout=stack&type=pad&tracking_id=68e50a81-5076-4434-b837-65a612484175&is_advertising=true&ad_domain=VQCATCORE_LST&ad_position=1&ad_click_id=NTBIZDRmMzktODk0ZC00N2YwLTkyODgtMDE4ZGY3MzExNjQ1

- **Gráficos:** GPU dedicada (GTX 1650 4GB o RX 6500 XT) \$6,879

https://www.mercadolibre.com.mx/tarjeta-de-video-gigabyte-radeon-rx-6500-xt-eagle-4gb-gddr6/p/MLM19751202#polycard_client=search-nordic&searchVariation=MLM19751202&wid=MLM2819880574&position=7&search_layout=stack&type=product&tracking_id=a233bef7-6060-43a2-a53b-066577c73794&sid=search

- **Fuente de poder:** 500W 80+ Bronze \$799

https://www.mercadolibre.com.mx/fuente-de-poder-para-pc-balam-rush-legend-serie-s-br-937702-500w-negra-127v/p/MLM43928867#polycard_client=search-nordic&searchVariation=MLM43928867&wid=MLM2812061442&position=1&search_layout=stack&type=product&tracking_id=df294e32-5f60-430e-b80a-15f5e2e5f461&sid=search

- **Gabinete:** ATX con ventilación media \$2,009

https://www.mercadolibre.com.mx/gabinete-gamer-balam-rush-media-torre-tank-master-atx-4-fan-color-blanconegro/p/MLM36933441#polycard_client=search-nordic&searchVariation=MLM36933441&wid=MLM2119627741&position=2&search_layout=stack&type=product&tracking_id=008068e5-de2e-4297-8bd9-96b577f44980&sid=search

🔍 GAMA ALTA

Intel Core i9-13900K

- **Procesador:** Intel Core i9-13900K \$10,082

https://www.mercadolibre.com.mx/procesador-intel-core-i9-13900kf-24-nucleos-/p/MLM2011499545#polycard_client=search-nordic&searchVariation=MLM2011499545&wid=MLM3018690848&position=3&search_layout=stack&type=product&tracking_id=95cbbf1c-f4f8-46bd-bffc-fef83ea0f319&sid=search

- **Placa base:** ASUS Z790-P WiFi DDR5 (LGA 1700) \$7,896

https://articulo.mercadolibre.com.mx/MLM-2851417676-placa-base-asus-z790-p-atx-con-wifi-6-pcie-50-ddr5--_JM#polycard_client=search-nordic&position=17&search_layout=stack&type=item&tracking_id=ec6c902d-6484-4208-970b-cf8dd4085a38

- **RAM:** 32 GB DDR5 6000 MHz (2x16 GB) \$2,133

https://www.mercadolibre.com.mx/memoria-ram-acer-predator-palas-ii-ddr5-6000mh-z-32gb-2x/p/MLM41799973#polycard_client=search-nordic&searchVariation=MLM41799973&wid=MLM3659099640&position=2&search_layout=stack&type=product&tracking_id=d8d25604-5c26-4f70-a6c1-cd58b3938aa0&sid=search

- **Almacenamiento:** SSD NVMe Gen 4 1 TB \$1,124

https://www.mercadolibre.com.mx/unidad-de-estado-solido-ssd-m2-1tb-adata-legend-800-nvme/p/MLM24518388#polycard_client=search-nordic&searchVariation=MLM24518388&wid=MLM2537077496&position=12&search_layout=stack&type=product&tracking_id=57bd40f0-dbec-48ed-8852-39b8794cde4b&sid=search

- **Gráficos:** GPU dedicada (RTX 4070 o superior) \$17,289

https://www.mercadolibre.com.mx/tarjeta-de-video-gigabyte-rtx-4070-windforce-2x-oc-v2-12g/p/MLM49233785#polycard_client=search-nordic&searchVariation=MLM49233785&wid=MLM3688725840&position=2&search_layout=stack&type=product&tracking_id=75337359-9a55-45e7-af4c-dd3468798ac0&sid=search

- **Fuente de poder:** 750W 80+ Gold \$1,619

https://www.mercadolibre.com.mx/fuente-de-poder-para-pc-xpg-xpg-kyber-kyber750-g-bkcs-750w-negra-127v/p/MLM43929868#polycard_client=search-nordic&searchVariation=MLM43929868&wid=MLM1992268833&position=11&search_layout=stack&type=product&tracking_id=bb3d4071-8dfb-4c29-a05b-a3126fa7ed16&sid=search

- **Gabinete:** ATX con buena refrigeración (mínimo 3 ventiladores) 1,093

https://articulo.mercadolibre.com.mx/MLM-2043971573-refrigeracion-liquida-pc-ventilador-240-mm-rgb-intel-amd-am4-_JM?searchVariation=182310652213#polycard_client=search-nordic&searchVariation=182310652213&position=32&search_layout=stack&type=item&tracking_id=bd0550b1-0154-4aab-9967-648789f02b14

AMD Ryzen 9 5950X

- **Procesador:** AMD Ryzen 9 5950X \$10,814 [https://www.mercadolibre.com.mx/procesador-](https://www.mercadolibre.com.mx/procesador-amd-ryzen-7-9800x3d-am5-de-47-ghz-turbo-52-ghz/p/MLM44455598#polycard_client=search-nordic&searchVariation=MLM44455598&wid=MLM3491999174&position=5&search_layout=stack&type=product&tracking_id=063ad6eb-5499-4eaa-bb5f-44d071947730&sid=search)

[amd-ryzen-7-9800x3d-am5-de-47-ghz-turbo-52-ghz/p/MLM44455598#polycard_client=search-nordic&searchVariation=MLM44455598&wid=MLM3491999174&position=5&search_layout=stack&type=product&tracking_id=063ad6eb-5499-4eaa-bb5f-44d071947730&sid=search](https://www.mercadolibre.com.mx/procesador-amd-ryzen-7-9800x3d-am5-de-47-ghz-turbo-52-ghz/p/MLM44455598#polycard_client=search-nordic&searchVariation=MLM44455598&wid=MLM3491999174&position=5&search_layout=stack&type=product&tracking_id=063ad6eb-5499-4eaa-bb5f-44d071947730&sid=search)

- **Placa base:** ASUS ROG Strix X570-E Gaming (AM4) \$6,000

https://articulo.mercadolibre.com.mx/MLM-2276237627-tarjeta-madre-asus-rog-strix-x570-e-gaming-_JM?searchVariation=183300411458#polycard_client=search-nordic&searchVariation=183300411458&position=14&search_layout=stack&type=item&tracking_id=ff86c124-1e0d-4a50-9bc0-0309e73ee4f9

- **RAM:** 32 GB DDR4 3600 MHz (2x16 GB) \$4,199

https://articulo.mercadolibre.com.mx/MLM-2211336373-memoria-ram-ddr4-64gb-3200mhz-kingston-fury-impact-2x32gb-_JM#polycard_client=search-nordic&position=14&search_layout=stack&type=item&tracking_id=4edfaf1b-694a-42f8-8af3-012ca2373dae&wid=MLM2211336373&sid=search

- **Almacenamiento:** SSD NVMe Gen 4 1 TB \$984

https://www.mercadolibre.com.mx/discos-duros-solidos-komsom-990-evo-nvme-m2-ssd-1-tb-pcie-40-nvme-gen4-para-videojuegos-ssd-interno-para-juegos-y-edicion-de-video-negro/p/MLM47099993?pdp_filters=item_id:MLM3697160122#wid=MLM3697160122&sid=search&is_advertising=true&searchVariation=MLM47099993&backend_model=search-backend&position=1&search_layout=stack&type=pad&tracking_id=6b68a4c8-eada-46fe-b0a4-9bd94639e042&is_advertising=true&ad_domain=VQCATCOR E_LST&ad_position=1&ad_click_id=ZGVIZWNmYWUtZDc2YS00MWRiLTlkMjQtY2VIMjY2ODY2Yzg3

- **Gráficos:** GPU dedicada (RTX 4070 o superior) \$17,289

https://www.mercadolibre.com.mx/tarjeta-de-video-gigabyte-rtx-4070-windforce-2x-oc-v2-12g/p/MLM49233785#polycard_client=search-nordic&searchVariation=MLM49233785&wid=MLM3688725840&position=2&search_layout=stack&type=product&tracking_id=75337359-9a55-45e7-af4c-dd3468798ac0&sid=search

- **Fuente de poder:** 750W 80+ Gold \$1,619
- https://www.mercadolibre.com.mx/fuente-de-poder-para-pc-xpg-xpg-kyber-kyber750-g-bkcs-750w-negra-127v/p/MLM43929868#polycard_client=search-nordic&searchVariation=MLM43929868&wid=MLM1992268833&position=11&search_layout=stack&type=product&tracking_id=bb3d4071-8dfb-4c29-a05b-a3126fa7ed16&sid=search

- **Gabinete:** ATX con excelente refrigeración \$1,093

https://articulo.mercadolibre.com.mx/MLM-2043971573-refrigeracion-liquida-pc-ventilador-240-mm-rgb-intel-amd-am4-_JM?searchVariation=182310652213#polycard_client=search-nordic&searchVariation=182310652213&position=32&search_layout=stack&type=item&tracking_id=bd0550b1-0154-4aab-9967-648789f02b14