

# CARSON'S PC

*Parts Identification Summary Manual*

*All parts ordered via [Newegg.com](http://Newegg.com)*

*Prepared By: **James Oliver***



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## DIYPC Ranger-R4-R Black/Red USB 3.0 ATX Mid Tower Gaming Computer Case with 3 x Red Fans (1 x 140mm LED Fan x side, 1 x 120mm LED Fan x front, 1 x 120mm fan x rear)

**USB3.0+ 3 x Red Fans (pre-installed)**

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In stock. Ships from United States.

Sold and Shipped by Newegg

- SECC ATX Mid Tower
- 1 x USB 3.0 / 2 x USB 2.0 / Audio In/Out (HD) Front Ports
- 2 External 5.25" Drive Bays



## ASUS H110M-E/M.2 LGA 1151 Intel H110 HDMI SATA 6Gb/s USB 3.0 Micro ATX Motherboards - Intel

★★★★☆ (14) [Write a Review](#) [See 11 Questions](#) | [41 Answers](#)

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Sold and Shipped by Newegg

- Intel H110
- Core i7 / i5 / i3 / Pentium / Celeron (LGA1151)
- DDR4 2133



## Intel Core i3-7100 Kaby Lake Dual-Core 3.9 GHz LGA 1151 51W BX80677I37100 Desktop Processor Intel HD Graphics 630

★★★★☆ (5) [Write a Review](#) [See 7 Questions](#) | [17 Answers](#)

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- Processor Base Frequency 3.90 GHz
- Intel HD Graphics 630
- Compatible with Intel 200/1001 Series Chipset Motherboards
- DDR4 & DDR3L Support
- Display Resolution up to 4096 x 2304
- Socket LGA 1151

9 New from **\$119.99**

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## G.SKILL Aegis 8GB 288-Pin DDR4 SDRAM DDR4 2400 (PC4 19200) Intel Z170 Platform / Intel X99 Platform Desktop Memory Model F4-2400C15S-8GIS

★★★★ (4) [Write a Review](#) [See 2 Questions](#) | [4 Answers](#)

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In stock. Ships from United States.

Sold and Shipped by Newegg

Capacity: 8GB

64GB (4 x 16GB)

32GB (2 x 16GB)

32GB (4 x 8GB)

16GB (4 x 4GB)

16GB (2 x 8GB)

16GB

8GB (2 x 4GB)

8GB

4GB

- DDR4 2400 (PC4 19200)
- Timing 15-15-15-35
- Cas Latency 15
- Voltage 1.2V



## ZOTAC GeForce GTX 1060 Mini, ZT-P10610A-10L, 3GB GDDR5 Super Compact

★★★★ (13) [Write a Review](#) [See 8 Questions](#) | [14 Answers](#)

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In stock. Limit 5 per customer. Ships from United States.

Sold and Shipped by Newegg

Memory Size: 3GB

6GB

3GB

Option: ZT-P10610A-10L (Single Fan)

ZT-P10600A-10L (Single Fan)

ZT-P10600B-10M

ZT-P10610A-10L (Single Fan)

- New Pascal Architecture
- 3GB 192-bit GDDR5
- Virtual Reality Ready
- 1 x Dual-link DVI, 3 x DisplayPort (version 1.4), 1 x HDMI
- Boost Clock 1506 MHz
- Extended warranty included with every graphics card purchase. User registration required on ZOTAC website

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# CARSON'S PC



## Silicon Power S55 120GB 2.5" 7mm SATA III Internal Solid State Drive SP120GBSS3S55S25AE



Be the first to review this product... See 1 Question | 1 Answer

SHARE

In stock. Ships from United States.

Sold and Shipped by Newegg

Capacity: 120GB

120GB

240GB

Option: TLC

Marvell

TLC

- Remarkable read/write speeds up to 460MB/370MB/sec
- 7mm slim design suitable for Ultrabook's and ultra-slim notebooks
- SATA III 6Gbps backwards compatible with SATA II 3Gbps
- Supports TRIM command, Garbage Collection technology, RAID, and ECC (Error Checking & Correction) to provide the optimized performance and enhanced reliability



## TOSHIBA P300 HDWD120XZSTA 2TB 7200 RPM 64MB Cache SATA 6.0Gb/s 3.5" Desktop Internal Hard Drive Retail Packaging



Write a Review See 5 Questions | 31 Answers

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In stock. Limit 5 per customer. Ships from United States.

Sold and Shipped by Newegg

Capacity: 2TB

1TB

2TB

3TB

4TB

5TB

6TB

- 7,200 RPM speed with 64MB data buffer, supports SATA 3.0 interface with up to 6GB/s transfer rate
- Extended-capacity hard drive with up to 3TB of storage
- Compatible with Windows Mac and Linux
- Intelligent Serial ATA interface ensures compatibility with most major brands of Serial ATA enabled laptop PCs
- Native Command Queuing (NCQ) support enhances seek-time performance
- Internal shock detection and ramp-loading technology help protect your drive and data
- Perpendicular Magnetic Recording (PMR) technology offers higher capacities, excellent reliability and robustness
- Ideal for everyday computing needs

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# CARSON'S PC



## CORSAIR VS Series VS600 (CP-9020119-NA) 600W ATX12V / EPS12V 80 PLUS Certified Active PFC Power Supply

★★★★☆ (8) [Write a Review](#) [See 2 Questions](#) | [3 Answers](#)

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In stock. Limit 20 per customer. Ships from United States.

Sold and Shipped by Newegg

Maximum Power: 600W

400W

500W

600W

- ATX12V / EPS12V
- 80 PLUS Certified
- 100 - 240 V 47 - 63 Hz
- +5V@24A, +3.3V@20A, +12V@48A, -12V@0.3A, +5VSB@3A



## Devastator II LED Gaming Keyboard and Mouse Combo Bundle with Red LED Edition by Cooler Master

★★★★☆ (59) [Write a Review](#) [See 9 Questions](#) | [61 Answers](#)

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In stock. Ships from United States. Most customers receive within 6-10 days.

Sold and Shipped by [hippo deals](#)

Style: Red LED

Blue LED

Green LED

Red LED

RGB

- Mem-chanical switches that feels like mechanical switches
- Red LED backlighting
- Laser-etched keys
- Compatible custom keycaps
- Precision optical sensor
- On-the-fly DPI
- Solid control and grip
- Dedicated multimedia keys

21 New from \$28.06

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# CARSON'S PC

## Specification List Breakdown:

Case: **DIY PC – RANGER-R4-R (RED MID ATX TOWER)**

Motherboard: **ASUS H110M**

Processor: **Intel i3-7100 3.9Ghz Kaby Lake Dual-Core CPU**

Hard Drive 1: **120GB Silicon Power Solid State Drive**

Hard Drive 2: **2TB Toshiba Hard Disk Drive**

Ram: **G. Skill Aegis 8GB DDR4**

Graphics Card: **Zotac MINI GTX 1060**

Power Supply: **Corsair 600W**

Keyboard / Mouse: **Devastator II Red LED**

Operating System: **Windows 10**

## Highlights:

The **GTX 1060** will provide **powerful high-end graphical capabilities** to play even the most demanding of titles.

The **Intel i3 Processor** is a solid computing processor capable of running **high-end applications** for **Video Editing, Photo Editing, Live Streaming, and more.**

Coupled with a **120GB SSD** the computer will perform at incredible speeds making every-day tasks **instantaneous and responsive.** Not to mention the dedicated **2TB HDD** for saving anything and everything. *[2TB is enough space to install Overwatch (30GB Download size) over **67 Times** or ARMA III (without mods) **200 Times!**]*

The **8GB of RAM** is expandable up to **32GB!!** 8GB is enough to load up multiple programs simultaneously **without** experiencing lag or slow-downs.

**DDR4** and the **Chipset** that you are on is the latest on the market. That means this computer is **completely up to date as of 2/26/2017.**

Finally, finding a build to these specifications could cost up to **\$900.00** going through iBuyPower.com or CyberPowerPC.com. This **Mid-Level Custom Gaming PC** will be everything you want and more.

## Recommended Upgrade Order:

RAM 8GB > RAM 16GB Single Chip (Sell old) \$100.00 | >> Intel i3 Cpu > i5/i7 (Sell old) \$239.00-\$350.00 | >> GTX 1060 > GTX 1080 \$579.00 | >> TOTAL COST: **\$749 (est. \$ after selling old) To have a TOP-TEIR Gaming Rig.**

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