**Automobiles**

1)Porsche

2) McLaren

3)Audi

4)BMW

5) Lamborghini

6) Rolls-Royce

7) Chevrolet

8)  Mercedes-Benz

**Entities to gather Info & its Prototype**

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
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Brand

Series

Model

Year

Price

Engine

Type

Horse Power

Curb Weight

MPG

**Porsche stuff specifications links**

<https://www.caranddriver.com/porsche>

**1)Model**

<https://www.caranddriver.com/reviews/2018-porsche-panamera-turbo-s-e-hybrid-first-drive-review>

**2)Model**

<https://www.caranddriver.com/porsche/718-boxster>

**3)Model**

<https://www.cars.com/research/porsche-cayenne-2016/specs/>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Porsche | Panamera | Turbo S E-Hybrid | 2018 | $185,450 | twin-turbocharged | Mid-Sized | 14.1-kWh | 5200-5400 lb | 42 |
| Porsche | 718 | Boxster | 2017 | $57,040 | turbocharged | Compact | 365 hp | 3059 lb | 24 |
| Porsche | Cayenne | Base | 2016 | $66,750 | V-6 | Big | 300-hp |  | 21 |

**McLaren** **stuff specifications links**

<https://www.caranddriver.com/mclaren>

**1)Model**

<https://www.caranddriver.com/reviews/2018-mclaren-570s-spider-first-drive-review>

**2)Model**

<https://www.caranddriver.com/mclaren/720s>

**3)Model**

<https://www.caranddriver.com/mclaren/570s-570gt>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| McLaren | 570S | Spyder | 2018 | $211,300 | twin-turbocharged V-8 | compact | 562hp | 3300 lb | 19 |
| McLaren | 720S | coupe | 2018 | $288,845 | twin-turbocharged V-8 | compact | 710 hp | 3150 lb | 18 |
| McLaren | 570GT | Base | 2017 | $201,450 | twin-turbocharged V-8 | compact | 562 hp | 3340 lb | 19 |

**Audi** **stuff specifications links**

<https://www.caranddriver.com/audi>

**1)Model**

<https://www.caranddriver.com/audi/a5-sportback>

**2)Model**

<https://www.caranddriver.com/audi/r8>

**3)Model**

<https://www.caranddriver.com/audi/q7>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Audi | A5 | Sportback | 2018 | $43,575 | turbocharged | Big | 252 hp | 3758 lb | 27 |
| Audi | R8 | RWS | 2018 | $159,000 | V-10 | compact | 540 hp | 3550 lb | 18 |
| Audi | Q7 | 2.0T | 2017 | $49,950 | turbocharged | Big | 252 hp | 4776 lb | 22 |

**BMW stuff specifications links**

<https://www.caranddriver.com/bmw>

**1)Model**

<https://www.caranddriver.com/bmw/m5>

**2)Model**

<https://www.caranddriver.com/bmw/x5-m>

**3)Model**

<https://www.caranddriver.com/bmw/6-series>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| BMW | M5 | sedan | 2018 | $104,595 | twin-turbocharged,V-8 | Mid size | 600 hp | 4288 lb | 17 |
| BMW | X5 | M | 2017 | $101,695 | twin-turbocharged,V-8 | Big | 567 hp | 5303 lb | 16 |
| BMW | 640i | convertible | 2016 | $85,795 | turbocharged | compact | 315 hp | 4223 lb | 20 |

**Lamborghini stuff specifications links**

<https://www.caranddriver.com/lamborghini>

**1)Model**

<https://www.caranddriver.com/lamborghini/huracan>

**2)Model**

<https://www.caranddriver.com/lamborghini/aventador>

**3)Model**

<https://en.wikipedia.org/wiki/Lamborghini_Aventador#Centenario>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Lamborghini | Huracan | Performante | 2018 | $279,185 | V-10 | compact | 631 hp | 3429 lb | 16 |
| Lamborghini | Aventador | S | 2017 | $424,845 | V-12 | compact | 730 hp | 4100 lb | 12 |
| Lamborghini | Centenario | Roadster | 2016 | $217000 | V-12 | compact | 770hp | 3,351 lb | 16 |

**Rolls-Royce stuff specifications links**

<https://www.caranddriver.com/rolls-royce>

**1)Model**

<https://www.caranddriver.com/rolls-royce/phantom>

**2)Model**

<https://www.caranddriver.com/rolls-royce/ghost-series-ii>

**3)Model**

<https://www.caranddriver.com/rolls-royce/dawn>

**for black badge**

<https://blog.dupontregistry.com/ecbg-2018/rolls-royce-dawn-black-badge-price-specs-and-review/>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Rolls-Royce | Phantom | 8 | 2018 | $450,000 | twin-turbocharged,V-12 | Mid size | 563 hp | 5650-5750 lb | 14 |
| Rolls-Royce | Ghost | Series-2 | 2015 | $291,350 | twin-turbocharged,V-12 | Mid size | 563 hp | 5550-5700 lb | 13 |
| Rolls-Royce | Dawn | Base | 2016 | $339,850 | twin-turbocharged,V-12 | Mid size | 563 hp | 5776 lb | 15 |

**Chevrolet stuff specifications links**

<https://www.caranddriver.com/chevrolet>

**1)Model**

<https://www.caranddriver.com/chevrolet/camaro-zl1>

**2)Model**

<https://www.caranddriver.com/chevrolet/corvette>

**3)Model**

<https://www.caranddriver.com/chevrolet/equinox>

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Chevrolet | Camaro | ZL1 1LE | 2018 | $71,295 | Supercharged,V-8 | compact | 650 hp | 3842 lb | 16 |
| Chevrolet | Corvette | Grand Sport | 2017 | $66,445 | V-8 | compact | 460 hp | 3463 lb | 19 |
| Chevrolet | Equinox | 2.0T AWD | 2018 | $33,785 | turbocharged | Big | 252hp | 3778 lb | 24 |

**Mercedes-Benz stuff specifications links**

<https://www.caranddriver.com/mercedes-benz>

**1)Model**

<https://www.caranddriver.com/mercedes-benz/e-class-wagon>

**2)Model**

<https://www.caranddriver.com/mercedes-benz/c-class>

**3)Model**

<https://www.caranddriver.com/mercedes-benz/gle-class>

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| **Brand** | **Series** | **Model** | **Year** | **Price** | **Engine** | **Type** | **Horse Power** | **Curb Weight** | **MPG** |
| Benz | E400 | 4MATIC Wagon | 2017 | $63,225 | win-turbocharged, V-6 | Big | 329 hp | 4442 lb | 21 |
| Benz | C300 | Cabriolet | 2018 | $52,195 | turbocharged | compact | 241 hp | 3868 lb | 25 |
| Benz | GLE400 | 4MATIC | 2016 | $65,525 | twin-turbocharged,V-6 | Big | 329 hp | 4845 lb | 18 |

**Other stuff-**

**Most Expensive Cars in USA:**

<https://www.usatoday.com/story/money/cars/2015/10/17/24-7-wall-st-most-expensive-cars/73929972/>

**5. F12berlinetta**

> Make: Ferrari  
> Fair purchase price: $327,445  
> Trim: Coupe 2D

**4. Phantom**

> Make: Rolls-Royce  
> Fair purchase price: $485,275  
> Trim: Extended Wheelbase Sedan 4D

**3. Aventador**

> Make: Lamborghini  
> Fair purchase price: $556,795  
> Trim: LP 720-4 50th Anniversario Roadster 2D

**2. 918 Spyder**

> Make: Porsche  
> Fair purchase price: $929,995  
> Trim: Weissach Package Roadster 2D

**1. P1**

> Make: McLaren  
> Fair purchase price: $1,155,000  
> Trim: Coupe 2D

**Electronics**

1)Dell

2)Lenovo

3)Apple

4)HP

5)Asus

6)Acer

7)Microsoft

8)Samsung

**Entities to gather Info & its Prototype**

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
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Brand

Model

Series

Type

RAM

HDD

Price

Processor

Screen-Size

Battery-Power

USB slots

HDMI

Weight is (optional)

**Dell stuff specifications links**

**1)Model**

<http://www.dell.com/en-us/shop/cty/pdp/spd/xps-13-9370-laptop?~ck=mn>

**2)Model**

<http://www.dell.com/en-us/shop/dell-laptops/inspiron-13-7000-2-in-1/spd/inspiron-13-7373-2-in-1-laptop>

**3)Model**

<http://www.dell.com/en-us/shop/cty/pdp/spd/alienware-15-laptop?~ck=mn>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Dell | New XPS | 13 -2018 | Touch | 16gb | 512GB SSD | $1999.99 | I7 win 10 | 13.3” 2-in-1 | 52WHr | 1 | no | 2.67lb |
| Dell | Inspiron 13 | 7000 -2017 | Touch | 16GB | 512GB SSD | $1249.99 | I7 win10 | 13.3” 2-in-1 | 38WHr | 3 | yes | 3.20lb |
| Dell | Alienware 15 | Gaming | Non-Touch | 32GB | 1TB | $2299.99 | I7win7 | 15.6 | 99Wh | 3 | yes | 7.69lb |

**Lenovo stuff specifications links**

**1)Model**

<https://www3.lenovo.com/us/en/laptops/thinkpad/thinkpad-x/c/thinkpadx?menu-id=ThinkPad_X>

**2)Model**

<https://www3.lenovo.com/us/en/laptops/yoga/yoga-900-series/Yoga-920-Vibes/p/88YG9000860>

**3)Model**

<https://www3.lenovo.com/us/en/laptops/ideapad/lenovo-legion-y-series-laptops/Legion-Y920/p/88GMY900877>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Lenovo | Thinkpad | X1 Yoga 2nd gen | Touch | 16GB | 1TB | $1814.59 | I7 win 10 pro | 14 | 15hrs | 3 | yes | 3.13lb |
| Lenovo | Yoga | 920 | Touch | 16GB | 1TB | $1299.99 | I7 | 13.9 | 10.8hrs 70Wh | 3 | no | 3.09lb |
| Lenovo | LEGION | Y920 Gaming | Non-Touch | 16GB | 1TB | $1899.99 | I7 | 17.3 | 90Wh | 5 | yes | 10.12lb |

**Apple stuff specifications links**

**1)Model**

<https://www.apple.com/macbook-pro/specs/>

**2)Model**

<https://www.apple.com/us-hed/shop/buy-mac/macbook-pro?product=MPXT2LL/A&step=config#>

**3)Model**

<https://www.apple.com/macbook-air/specs/>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Apple | Macbook | Pro Touch Bar & ID sensor | Non Touch | 16GB | 512GB SSD | $2799 | I7 | 15.4 | 87W 10hrs | 2 | no | 4.02lb |
| Apple | Macbook | Pro space gray | Non Touch | 8GB | 256GB SSD | $1499 | I5 | 13.3 | 10hrs 61W | 2 | no | 3.02lb |
| Apple | Macbook | Air | Non Touch | 8GB | 256GB SSD | $1199 | I5 | 13.3 | 12 hrs 45W | 1 | no | 2.96lb |

**HP stuff specifications links**

**1)Model**

<https://store.hp.com/us/en/pdp/omen-x-by-hp-17-ap052nr>

**2)Model**

<https://store.hp.com/us/en/mdp/business-solutions/hp-elitebook-x360-1020?jumpid=cp_r11260_us/en/psg/elitebook_x360_1020_mdp/hero-x360-1020-buy-now#!&tab=vao>

**3)Model**

<https://store.hp.com/us/en/pdp/hp-envy-x360-15-bp152nr>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| HP | OMEN X | HP - 17-ap052nr | Non Touch | 16GB | 1TB | $1849.99 | I7 | 17.3 | 230W | 2 | yes | 10.69lb |
| HP | EliteBook | X360 1020 G2 | Touch | 8GB | 256GB | $1619 | I5 | 12.5 | 65W | 2 | yes | 2.5lb |
| HP | Envy | X360 15-bp152nr | Touch | 16GB | 1TB | $849.99 | I7 | 15.6 | 55.8Wh | 1 | yes | 4.75lb |

**Asus stuff specifications links**

**1)Model**

<http://store.asus.com/us/item/201709AM200000001?_ga=2.167205309.229441953.1522526736-1545711743.1522526736>

**2)Model**

<http://store.asus.com/us/item/201801AM250000002/ASUS-ZenBook-Flip-UX461UN-DS74T-Ultra-Slim-Convertible-%C2%A0Laptop-14%E2%80%9D-FHD-wideview-display%2C-8th-gen-Intel-Core-i7%2C-16GB%2C-512GB-NVMe-PCIe-SSD%2CNvidia-MX150%2C-Windows-10-Home%2C-Backlit-keyboard%2C-Fingerprint%2C-Stylus-pen?_ga=2.237009411.229441953.1522526736-1545711743.1522526736>

**3)Model**

<http://store.asus.com/us/item/201707AM210000002/ASUS+Vivobook+N580VD-DB74T+15.6-inch+FDH+Touchscreen%2C+GTX+1050%2C+Intel+Core+i7%2C+512+GB+SSD%2C+16GB+DDR4%2C+Windows+10?_ga=2.120592011.229441953.1522526736-1545711743.1522526736>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Asus | ZenBook Pro | UX550VE-DB71T | Touch | 16GB | 512GB | $1699 | I7 | 15.6 | 73WHr | 4 | yes | 4lb |
| Asus | Zenbook Flip 14 | UX461UN | Touch | 16GB | 512GB | $1299 | I7 | 14 | 57WHr | 3 | yes | 3.3lb |
| Asus | Vivabook Pro | N580VD-DB74T | Touch | 16GB | 512GB SSD | $1299 | I7 | 15.6 | 47WHr | 4 | yes | 5lb |

**Acer stuff specifications links**

**1)Model**

<https://us-store.acer.com/laptops/gaming/predator-17-x-gaming-laptop-gx-792-77bl>

**2)Model**

<https://www.acer.com/ac/en/US/content/series/swift7>

<https://www.amazon.com/dp/B01N5K9VXB/ref=asc_df_B01N5K9VXB1522407600000?ascsubtag=s1522531625660nfw0a52402&tag=52402_iceleadscom-20&creative=395261&creativeASIN=B01N5K9VXB&linkCode=asn>

**3)Model**

<https://www.acer.com/ac/en/US/content/series/nitro5spin>

<https://www.newegg.com/Product/Product.aspx?Item=N82E16834316267&nm_mc=OTC-Iceleads&cm_mmc=OTC-Iceleads-_-Acer+America-_-2-in-1+Laptops-_-34316267>

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| **Brand** | **Series** | **Model** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Acer | Predator 17 | Gaming GX-792-77BL | Non Touch | 32GB | 1TB | $2999.99 | I7 | 17.3 | 330W | 4 | yes | 10.03lb |
| Acer | Swift 7 | SF713-51-M51W | Non Touch | 8GB | 512GB SSD | $899.99 | I7 | 13.3 | 9hrs | 2 | no | 2.48lb |
| Acer | Nitro 5 Spin | NP515-51-887W |  | 8GB | 1TB | $973.79 | I7 | 15.6 | 90W 10hrs | 4 | yes | 4.85lb |

**Microsoft stuff specifications links**

**1)Model**

<https://www.microsoft.com/en-us/store/build/surface-book-2-essentials-bundle-13-inch/8NC6GBNJNDRL#slot0>

**2)Model**

<https://www.microsoft.com/en-us/store/d/surface-pro/8nkt9wttrbjk/h3cs?activetab=pivot:techspecstab>

**3)Model**

<https://www.microsoft.com/en-us/p/surface-laptop/90fc23dv6snz/gvl3?cm_mmc=store&activetab=pivot:techspecstab>

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| **Brand** | **Series** | **Series** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **Wt** |
| Microsoft | Surface | Book 2 | Touch | 16GB | 1TB | $2999.00 | I7 | 13.5 | 17 hrs | 2 | no | 3.38lb |
| Microsoft | Surface | Pro | Touch | 4GB | 256GB SSD | $799 | M3 | 12.3 | 13.5 hrs | 1 | no | 1.69lb |
| Microsoft | Surface | Laptop | Touch | 4GB | 128GB SSD | $699 | M3 | 13.5 | 14.5hrs | 1 | no | 2.83lb |

**Samsung stuff specifications links**

**1)Model**

<https://www.samsung.com/us/computing/windows-laptops/notebook-series-9/notebook-9-pro-15--np940x5m-x01us/>

**2)Model**

<https://www.samsung.com/us/computing/windows-laptops/notebook-odyssey/notebook-odyssey-1060-np800g5h-xs1us/>

**3)Model**

<https://www.samsung.com/us/computing/windows-laptops/notebook-series-7/notebook-7-spin-np730qaa-k01us/>

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| **Brand** | **Model** | **Series** | **Type** | **RAM** | **HDD** | **Price** | **Processor** | **Screen**  **Size** | **Battery-**  **Power** | **USB**  **slots** | **HDMI** | **W** |
| Samsung | Notebook | 9 pro | Touch | 16GB | 256GB | $1299.99 | I7 | 15 | 54Wh | 3 | yes | 3.79lb |
| Samsung | Notebook | Odyssey | Non Touch | 32GB | 1TB | $1599.99 | I7 | 15.6 | 66Wh | 3 | yes | 6.04lb |
| Samsung | Notebook | 7 spin | Touch | 8GB | 256GB | $899.99 | I5 | 13.3 | 43Wh | 3 | yes | 3.2lb |

**Other Stuff :**

Top 10 brands of 2018

<https://www.reviewsxp.com/blog/best-laptop-brands/>