



| CPU                       |                                                                  | CPU                                              |                         |
|---------------------------|------------------------------------------------------------------|--------------------------------------------------|-------------------------|
| Core                      | Y0                                                               | AES New                                          | ✓                       |
| TDP(Thermal Design Power) | 15 W                                                             | Trusted Execution                                | ✗                       |
| Core TDP-up               | 1.8 W                                                            | Core                                             | ✓                       |
| Core TDP-up               | 25 W                                                             | Core VT-x (EPT)                                  | ✓                       |
| Core TDP-down             | 10 W                                                             | Secure Key                                       | ✓                       |
| Core TDP-down             | 0.8 W                                                            | TSX-NI                                           | ✗                       |
| Tjunction                 | 100 °C                                                           | SIPP(Stable Image Platform Program)              | ✗                       |
| PCI                       | 12                                                               | OS                                               | ✓                       |
| PCI Express               | 3.0                                                              | SGX(Software Guard Extensions)                   | ✓                       |
| PCI                       | 1x2+2x1, 1x4, 2x2, 4x1                                           | MID                                              | ✓                       |
| Memory                    |                                                                  | 64                                               | ✓                       |
| Core *                    | 8 W                                                              | Core                                             | ✓                       |
| Memory                    | DDR4-SDRAM                                                       | Core                                             | ✓                       |
| Core                      | 2400 W                                                           | Core                                             | ✓                       |
| Core *                    | 16 W                                                             | Core                                             | ✓                       |
| Storage                   |                                                                  | Core                                             | ✓                       |
| Core *                    | 256 W                                                            | Core                                             | 42 X 24 W               |
| Core *                    | SSD                                                              | Core                                             | AVX 2.0, SSE4.1, SSE4.2 |
| SSD                       | 256 W                                                            | Core                                             | SR3LA                   |
| SSD                       | 1                                                                | CPU                                              | 1                       |
| Core SSD                  | 256 W                                                            | Core                                             | ✗                       |
| Core *                    | ✗                                                                | VT-d(Virtualization Technology for Directed I/O) | ✓                       |
| Core                      | ✓                                                                | Identity Protection Technology                   | 1.00                    |
| Core                      | MicroSD(TransFlash)                                              | Smart Response Technology                        | 1.00                    |
| Display                   |                                                                  | SIPP(Stable Image Platform Program)              | 0.00                    |
| Core *                    | Core                                                             | Secure Key Technology                            | 1.00                    |
| Core *                    | ✓                                                                | TSX-NI                                           | 0.00                    |
| Core *                    | ✗                                                                | VT-x(Virtualization Technology)                  | ✓                       |
| Core                      | Core® UHD                                                        | ARK ID                                           | 124967                  |
| Core *                    | Core® UHD 620                                                    | Core                                             | ✓                       |
| Core                      | 300 W                                                            | Power                                            |                         |
| Core (Core)               | 1100 W                                                           | Core                                             | Core                    |
| Core                      | 32 W                                                             | Core                                             | 3                       |
| Core DirectX              | 12.0                                                             | Core *                                           | 42 W(Wh)                |
| Core OpenGL               | 4.4                                                              | Audio                                            |                         |
| Core ID                   | 0x5917                                                           | AC                                               | 50/60 W                 |
| Network                   |                                                                  | AC                                               | 100 - 240 W             |
| Core                      | SonicMaster                                                      | AC                                               | 19 W                    |
| Core                      | ✓                                                                | Security                                         |                         |
| Security                  |                                                                  | Core                                             | 323.4 W                 |
| Core                      | ✓                                                                | Core                                             | 225.5 W                 |
| Wireless                  |                                                                  | Core                                             | 18 W                    |
| Wi-Fi *                   | Wi-Fi 5 (802.11ac)                                               | Core *                                           | 1.4 W                   |
| Core                      | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac) | Other                                            |                         |
| Core                      | ✗                                                                | Core                                             | 4.2                     |
| Core                      | ✓                                                                | Core                                             | 4.2                     |
| Core                      | 4.2                                                              | Core                                             | 4.2                     |

## Catalog Object Cloud



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