UPE
05/14/2025 08:25:26 AM

Essentials
Product Collection
Code Name
Vertical Segment
Processor Number
Lithography

CPU Specifications
Total Cores
Total Threads
Processor Base Frequency
Cache
Bus Speed
TDP

Supplemental Information
Marketing Status
Launch Date
Servicing Status
End of Servicing Updates Date
Embedded Options Available
Datasheet

Memory Specifications
Max Memory Size (dependent on memory type)
Memory Types
Max # of Memory Channels
Max Memory Bandwidth
ECC Memory Supported ‡

GPU Specifications
GPU Name‡
Graphics Base Frequency
Graphics Max Dynamic Frequency
Graphics Video Max Memory
Graphics Output
4K Support
Max Resolution (HDMI)‡
Max Resolution (DP)‡
Max Resolution (eDP - Integrated Flat Panel)‡
DirectX* Support
OpenGL* Support
Intel® Quick Sync Video
Intel® InTru™ 3D Technology
Intel® Clear Video HD Technology

Intel® Clear Video Technology
# of Displays Supported ‡
Device ID

Expansion Options
PCI Express Revision
PCI Express Configurations ‡
Max # of PCI Express Lanes

Package Specifications
Sockets Supported
Max CPU Configuration
TJUNCTION
Package Size

Advanced Technologies
Intel® Speed Shift Technology
Intel® Turbo Boost Technology ‡
Intel® Hyper-Threading Technology ‡
Intel® Transactional Synchronization Extensions
Intel® 64 ‡
Instruction Set
Instruction Set Extensions
Idle States
Enhanced Intel SpeedStep® Technology
Thermal Monitoring Technologies
Intel® Flex Memory Access
Intel® Identity Protection Technology ‡
Intel® Smart Response Technology
Intel® My WiFi Technology

Security & Reliability
Intel® Software Guard Extensions (Intel® SGX)
Intel® Memory Protection Extensions (Intel® MPX)
Intel® AES New Instructions
Secure Key
Intel® Trusted Execution Technology ‡
Execute Disable Bit ‡
Intel® OS Guard
Intel® Stable IT Platform Program (SIPP)
Intel® Virtualization Technology (VT-x) ‡
Intel® Virtualization Technology for Directed I/O (VT-d) ‡
Intel® VT-x with Extended Page Tables (EPT) ‡

Compare Intel® Products

Intel® Core™ i3-6006U Processor (3M Cache- 2.00 GHz)

6th Generation Intel® Core™ i3 Processors
Products formerly Skylake
Mobile
i3-6006U
14 nm

2
4

2.00 GHz
3 MB Intel® Smart Cache
4 GT/s
15 W

Discontinued
Q4'16
End of Servicing Lifetime
Friday   September 30   2022
No
View now

32 GB
DDR4-2133   LPDDR3-1866   DDR3L-1600
                                                             2

34.1 GB/s
No

Intel® HD Graphics 520
300 MHz
900 MHz
32 GB
eDP/DP/HDMI/DVI
Yes   at 60Hz
4096x2304@24Hz
4096x2304@60Hz
4096x2304@60Hz
                                                             12
                                                             4.5
Yes
Yes
Yes

Yes

3

0x1916

3

1x4   2x2   1x2+2x1 and 4x1

12

FCBGA1356

1

100°C
42mm X 24mm

Yes
No
Yes
No
Yes
64-bit
Intel® SSE4.1   Intel® SSE4.2   Intel® AVX2
Yes
Yes
Yes
Yes
Yes
Yes
Yes

Yes with Intel® ME
Yes
Yes
Yes
No
Yes
Yes
No
Yes
Yes
Yes