Laptop and desktop chips have two or four cores (known as dual-core and quad-core). Some newer models have six and even eight. The more cores, the better, because it allows your computer to run multiple tasks at the same time without slowing down.

You'll appreciate more cores if you often have lots of programs running or open lots of web browser tabs.

Core i3 processors offer a great mix of price and performance. They aren't the best for heavy multi-tasking or more challenging tasks such as editing videos, but they offer a noticeable step up from Pentium processors without you having to spend too much more

Core i5 processors are a great choice if you want a computer that can perform lots of tasks at once, and perhaps even delve into photo and video editing work. They don't cost as much as i7 processors but they offer performance that isn't too far off.

Core i7 is a step up from i5, with a bit of extra performance to make those tough tasks that bit quicker. You often pay a premium for this, and if you have no specific need for speed then you may well not need or want to pay the extra.

Intel Core i3	**Intel Core i5**	**Intel Core i7**
Intel Core i3 is an entry-level processor design for low-end applications.	Intel Core i5 is a mid-range processor developed for everyday use computer systems.	Intel Core i7 is a high-end processor designed for applications that need high processing power.
Core i3 processor is a dual core processor, i.e. it has two physical cores.	Core i5 is available in quad-core (2 cores) and quad core (4 cores).	Core i7 is available in quad core (4 cores), six cores, and eight-cores.
Core i3 has a cache of size	Core i5 has a cache of size	Core i7 has a cache of size

either 3 MB or 4 MB.	ranging between 3 MB and 8 MB.	ranging between 4 MB and 8 MB.
The clock speed of Core i3 processor is ranging between 1.30 GHz and 3.50 GHz.	The clock speed of Core i5 processor is ranging between 1.90 GHz and 3.80 GHz.	The clock speed of Core i7 processor is ranging between 2.6 GHz and 3.7 GHz.
Core i3 processor supports 4 threads.	Core i5 processor also supports 4 threads.	Core i7 processor supports 8 threads.
Core i3 processor does not support turbo boost feature.	Core i5 supports turbo boost.	Core i7 processor also supports turbo boost.
Core i3 processor does not support virtualization technology.	Core i5 processor supports virtualization technology.	Core i7 processor also supports virtualization technology.
Core i3 processor does not support Intel vPro technology.	Core i5 processor does not support Intel vPro technology.	Core i7 processor supports Intel vPro technology.
Core i3 processor is cheapest among the three.	Core i5 is mid-range processor.	Core i7 is expensive.
Core i3 processor is suitable to use for entry level tasks such as word processing, browsing, documentation, watching videos, etc.	Core i5 processor is suitable for basic work like web browsing, word processing, spreadsheets, basic graphics designing, etc.	Core i7 processor is suitable for high end applications, such as gaming, graphics designing, video editing, simulation, etc.