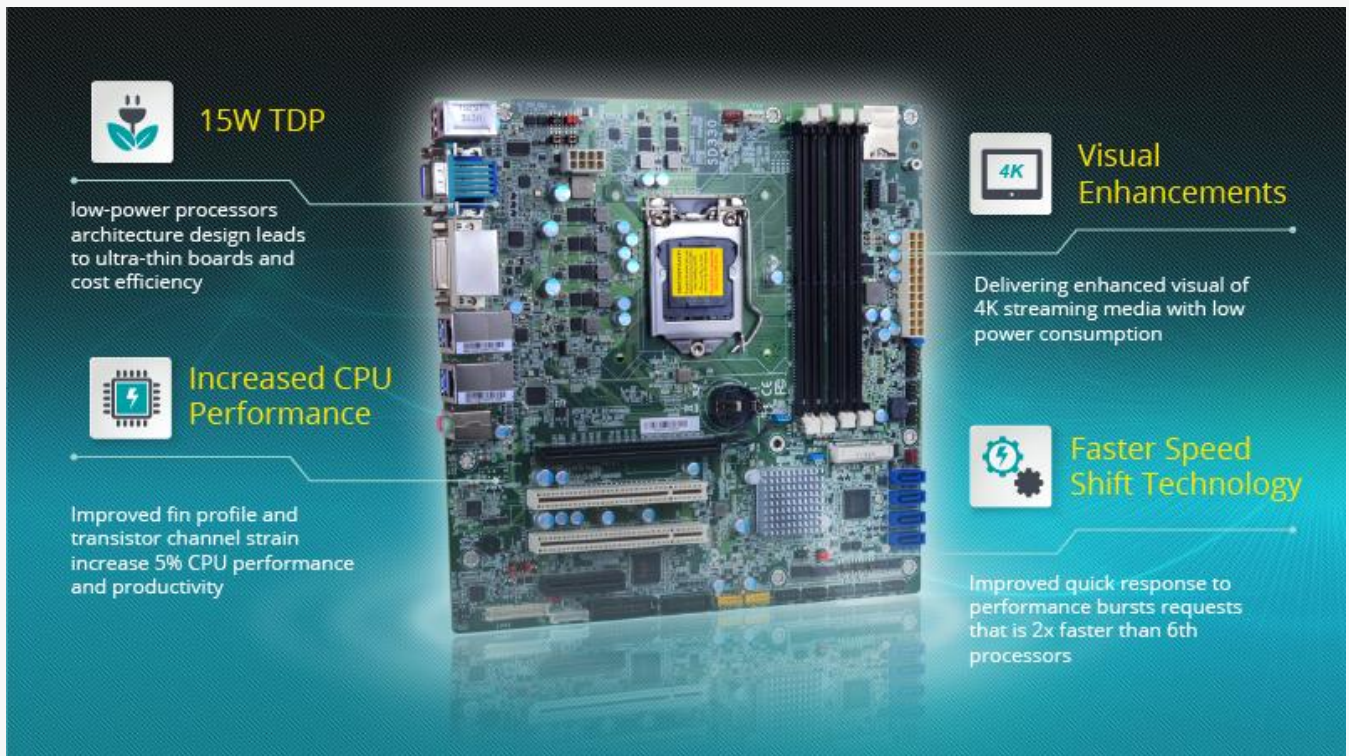


## What's More Thrilling -

# DFI's New Products with 7th Gen Intel® Core™ Processors

DFI's upcoming boards with 7th Generation Intel® Core™ processor (code name Kaby Lake) bring customers overall enhanced experiences such as low-power with a TDP of 15W, increased CPU performance by 5%, visual enhancement with lower power consumption, and faster speed shift technology.



**15W TDP**  
low-power processors architecture design leads to ultra-thin boards and cost efficiency

**Increased CPU Performance**  
Improved fin profile and transistor channel strain increase 5% CPU performance and productivity

**4K Visual Enhancements**  
Delivering enhanced visual of 4K streaming media with low power consumption

**Faster Speed Shift Technology**  
Improved quick response to performance bursts requests that is 2x faster than 6th processors

## Remarkable and Improved Interfaces



### DDR4: High Speed Transmission with Low Power

DDR4 is loaded with excellent features that enhance speed, power, and reliability for a variety of applications. With clock rates reaching 2400/2133 MHz and capacity reaching 16GB, the performance of DDR4 has increased up to 50% over DDR3. Thanks to a 20% reduction in voltage, total overall power savings can be reduced up to 35%.



### Support High Bandwidth Interfaces: USB3.0, SATA III, PCIe 3.0

New series board is designed with multiple high bandwidth interfaces on a single board. USB 3.0 offers transfer rates of 5 Gbps, which is 10 times faster than USB 2.0. PCIe Gen3 allows the transmission of data at 8Gb/s speeds and SATA III at 6 GB/s, resulting in faster and higher performances. With perfect board allocation and optimized thermal analysis, DFI's board will not overheat even in the process of high-performance

computing.



### Overall Performance and Productivity Improvements with M.2 Interface

Up-to-date M.2 interface delivers data transfer speeds of 16Gb/s using Gen3 x2, which is more than 2 times faster than a conventional SATA III connection. The products of new series with brand-new M.2 deliver high-performance, quick responsiveness, and bring large storage capacity to meet clients' needs.



HALT



Vibration/Shock/Drop



ESD



Wide Temperature



FloTHERMAL

Unexpected incidents such as extreme environment changes, severe shock, and electric shock often result in serious and underestimated harm to enhance the reliability and extend longevity, DFI promises that all our products will undergo several stricter tests that reduce failure rate and enhance stability of operation in the harshest environment.

**New Embedded Boards Available Now**



**microATX:**

**KD330**



**3.5" SBC:**

**KU551**



**COM Express:**

**KH960**



**COM Express:**

**KU968**