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Understanding [Embedded - Microprocessors](#)

Embedded microprocessors are specialized computing chips designed to perform specific tasks within an embedded system. Unlike general-purpose microprocessors found in personal computers, embedded microprocessors are tailored for dedicated functions within larger systems, offering optimized performance, efficiency, and reliability. These microprocessors are integral to the operation of countless electronic devices, providing the computational power necessary for controlling processes, handling data, and managing communications.

Applications of [Embedded - Microprocessors](#)

Embedded microprocessors are utilized across a broad spectrum of applications, making them indispensable in

Details

Product Status	Obsolete
Core Processor	i5-660
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	3.33GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	Yes
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	1156-LGA Module
Supplier Device Package	1156-LGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpi5-3-33-4m11t

Intel® Core™ i5 Processor I5-660

Processor Specifications:			
sSpec Number:	SLBLV	Package Type:	LGA1156
CPU Speed:	3.33 GHz	Manufacturing Technology:	32 nm
PCG:	09A	Core Stepping:	C2
Bus Speed:		CPUID String:	20652h
Bus/Core Ratio:	25	Thermal Design Power:	73W
L3 Cache Size:	4 MB	Thermal Specification:	72.6°C
L3 Cache Speed:		VID Voltage Range:	.65V-1.400V
Product Documentation: http://www.intel.com/design/corei5/documentation.htm			

Product Order Codes:	
Box Order Code: BXC80616I5660 BX80616I5660	OEM Order Code: CM80616003177AC

Supported Features:
<ul style="list-style-type: none">• Dual Core• Enhanced Intel Speedstep® Technology• Hyper-Threading Technology ¹• Intel® EM64T ²• Intel® Virtualization Technology• Enhanced Halt State (C1E)• Execute Disable Bit ³

Notes:
<p>This part supports Intel® HD Graphics.</p> <p>The integrated graphics frequency is 733 MHz.</p> <p>This part supports DDR3 memory speeds up to 1333 MHz.</p> <p>Intel SSE4.1 and SSE4.2 enabled.</p> <p>Intel® AES-NI enabled.</p> <p>Intel® Virtualization Technology for Directed I/O (Intel® VT-d) enabled.</p> <p>These parts have Intel® Trusted Execution Technology (Intel® TXT) enabled.</p> <p>Max Intel® Turbo Boost Technology Frequency (GHz): 2 core: 3.46 GHz, 1 core: 3.60 GHz</p>