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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	Discontinued at Digi-Key
Core Processor	Xeon E3-1275 v5
Number of Cores/Bus Width	4 Core, 64-Bit
Speed	3.6GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	Yes
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	1151-LGA Module
Supplier Device Package	1151-LGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpxes-3-6-8m11t

96MPXES-3.6-8M11T



Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz)



Features:

- Intel Xeon E3-1275 v5 Processor
- 4 Cores
- 8MB Cache
- Clock Speed 3.6GHz
- FCLGA1151 Socket Type
- Tech in 14NM
- Max TDP 80W
- Support DDR4-1866/2133, DDR3L-1333/1600 @ 1.35V



Specifications

Advantech PN	96MPXES-3.6-8M11T
Intel Ordering Code	CM8066201934909
Intel Launch Date	Q4 / 2015
Code Name	Skylake
SPEC Code	SR2LK
Processor Number	E3-1275 v5
# of Cores	4
# of Threads	8
Cache	8MB
Clock Speed	3.6GHz
QPI Speed	N/A
Tech. in Nanometer	14nm
Max TDP	80W

Direct Media Interface	8GT/s
Socket Type	FCLGA1151
Max Memory Size	64GB
Tcase	N/A
Memory Type	DDR4-1866/2133, DDR3L-1333/1600 @ 1.35V
Intel® Graphic Processor	HD Graphics P530
Graphic Base Frequency	350 MHz
64-bits Support	YES
Package	Tray
Embedded Channel	YES
RoHs	YES
Compatible Chipset	C206

Compatible Motherboard

Model Number	Description
Learn more on PAPS Website	

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All product specification and compatible chipset are subject to change without notice.

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