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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 E5-2609 v2
Number of Cores/Bus Width	4 Core, 64-Bit
Speed	2.5GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	-
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	2011-LGA, FC
Supplier Device Package	2011-LGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpxe-2-5-10m20t

96MPXE-2.5-10M20T



Intel® Xeon® Processor E5-2609 v2 (10M Cache, 2.50 GHz)



Features:

- Intel Xeon E5-2609 v2 Processor
- 4 Cores
- 10MB Cache
- Clock Speed 2.5GHz
- QPI Speed 6.4GT/s
- FCLGA2011 Socket Type
- Tech in 22NM
- Max TDP 80W
- Support DDR3-800/1066/1333



Specifications

Advantech PN	96MPXE-2.5-10M20T
Intel Ordering Code	CM8063501375800
Intel Launch Date	Q3 / 2013
Code Name	Ivy Bridge-EP
SPEC Code	SR1AX
Processor Number	E5-2609 v2
# of Cores	4
# of Threads	4
Cache	10MB
Clock Speed	2.5GHz
QPI Speed	6.4GT/s
Tech. in Nanometer	22nm
Max TDP	80W

Direct Media Interface	N/A
Socket Type	FCLGA2011
Max Memory Size	768GB
Tcase	71C
Memory Type	DDR3-800/1066/1333
Intel® Graphic Processor	NO
Graphic Base Frequency	N/A
64-bits Support	YES
Package	Tray
Embedded Channel	YES
RoHs	YES
Compatible Chipset	8900CC, 8903CC, 8910CC, 8920CC, 8925, 8926, 8950, 8955

Compatible Motherboard

Model Number	Description
Learn more on PAPS Website	

ADVANTECH Peripheral Allied Procurement Services - Global Sourcing Local Supports -

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

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