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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 E5-2658 v2
Number of Cores/Bus Width	10 Core, 64-Bit
Speed	2.4GHz
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-2-4-25m20t

96MPXE-2.4-25M20T



Intel® Xeon® Processor E5-2658 v2 (25M Cache, up to 2.40 GHz)



Features:

- Intel Xeon E5-2658 v2 Processor
- 10 Cores
- 25MB cache
- FCLGA2011 Socket Type
- 22NM
- 95W
- Support DDR3-800/1066/1333/1600/1866



Specifications

Advantech PN	96MPXE-2.4-25M20T
Intel Ordering Code	CM8063501293200
Intel Launch Date	Q3 / 2013
Code Name	Ivy Bridge
SPEC Code	SR1A0
Processor Number	E5-2658 v2
# of Cores	10
# of Threads	20
Cache	25MB
Clock Speed	2.4GHz
FSB (Front Side Bus)	N/A
Tech. in Nanometer	22nm
Max Design Power	95W

Direct Media Interface	N/A
Socket Type	FCLGA2011
Max Memory Size	768GB
Tcase	75C
Memory Type	DDR3-800/1066/1333/1600/1866
Intel® Graphic Processor	N/A
Graphic Base Frequency	N/A
64-bits Support	YES
Package	Tray
Embedded Channel	YES
RoHs	YES
Compatible Chipset	N/A

Compatible Motherboard

Model Number	Description
N/A	

[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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