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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	i3-4350T
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	3.1GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	-
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	1150-LGA Module
Supplier Device Package	1150-FCLGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpi3-3-1-4m10t



96MPI3-3.1-4M10T

Intel® Core™ i3-4350T Processor (4M Cache, 3.10 GHz)



Features:

- Intel I3-4350T Processor
- 2 Cores
- 4MB smart cache
- Clock Speed 3.1 GHz
- FCLGA1150 Socket Type
- Max Power Design 35W
- Intel HD Graphics 4600
- Support DDR3- 1333/1600



Specifications

Advantech PN	96MPI3-3.1-4M10T
Intel Ordering Code	CM8064601481957
Intel Launch Date	Q2 / 2014
Code Name	Haswell
SPEC Code	SR1PA
Processor Number	i3-4350T
# of Cores	2
# of Threads	4
Cache	4MB
Clock Speed	3.1GHz
FSB (Front Side Bus)	N/A
Tech. in Nanometer	22nm
Max Design Power	35W

Direct Media Interface	5 GT/s
Socket Type	FCLGA1150
Max Memory Size	32GB
Tcase	66.4C
Memory Type	DDR3-1333/1600
Intel® Graphic Processor	Intel HD Graphics 4600
Graphic Base Frequency	200MHz
64-bits Support	YES
Package	Tray
Embedded Channel	YES
RoHs	YES
Compatible Chipset	H87, Q87, Q85, Z87, H81, B85, Z97

Compatible Motherboard

Model Number	Description
AIMB-274 Series	Intel® Core™ i7/i5/i3 LGA 1150 Mini-ITX with VGA/DP/HDMI(DP)/LVDS(eDP), 2COM, Dual LAN, PCIe x16
AIMB-784 Series	Intel® 4th Generation Core Processor-based platform

[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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