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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	Core2 DUO DT
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	1.8GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	-
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	SOT-23-5 Thin, TSOT-23-5
Supplier Device Package	TSOT-23-5
Purchase URL	<a href="https://www.e-xfl.com/product-detail/advantech/96mp2dd-18f8-2m7t">https://www.e-xfl.com/product-detail/advantech/96mp2dd-18f8-2m7t</a>

# 96MP2DD-18F8-2M7T1

Intel Core2 DUO Desktop

## Spec

Product	96MP2DD-18F8-2M7T1
Product Description	Intel Core2 DUO Desktop E4300 1.8G 800F 2MB 775Pin(G)
Manufacturer Part Number	BV80557PG0332M (SLA99)
Manufacturer	INTEL
Processor Number	E4300
Code Name	Conroe
Compatible Chipsets	3000, 3010, 945G, 945GC, 945GZ, 945P, 945PL, 946GZ, 946PL, 975X, G31, G33, G35, G41, G43, G45, G965, P31, P35, P43, P45, P965, Q33, Q35, Q43, Q45, Q963, Q965, X38, X48
Socket Type	LGA775
Clock Speed	1.8GHz
FSB	800MHz
L2 Cache	2MB
Manufacturing Technology	65NM
sSpec	SLA99
Thermal Design Power	65W
Thermal Specification	61.4C
MultiCore	2 Cores
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q3 / 2006



Picture is for display purpose only

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All product specifications are subject to change without notice.

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