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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 Mobile
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	2.16GHz
Co-Processors/DSP	-
RAM Controllers	-
Graphics Acceleration	-
Display & Interface Controllers	-
Ethernet	-
SATA	-
USB	-
Voltage - I/O	-
Operating Temperature	-
Security Features	-
Package / Case	-
Supplier Device Package	478-PGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mp2dm-21f6-4m4t

96MP2DM-21F6-4M4T1

Intel Core2 DUO Mobile

Spec

Product	96MP2DM-21F6-4M4T1
Product Description	Intel Core2 DUO Mobile T7400 2.16G 667F 4MB 478Pin(G)
Manufacturer Part Number	CP80537GF0484M (SLGFJ)
Manufacturer	INTEL
Processor Number	T7400
Code Name	Merom
Compatible Chipsets	E7520, 945GM, 945GME, 945PM
Socket Type	PGA478
Clock Speed	2.16GHz
FSB	667MHz
L2 Cache	4MB
Manufacturing Technology	65NM
sSpec	SLGFJ
Thermal Design Power	34W
Thermal Specification	100C
MultiCore	2 Cores
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q3 / 2006

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