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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 T2500
Number of Cores/Bus Width	2 Core, 32-Bit
Speed	2.0GHz
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	<a href="https://www.e-xfl.com/product-detail/advantech/96mpdm-20f6-2m4t">https://www.e-xfl.com/product-detail/advantech/96mpdm-20f6-2m4t</a>

# 96MPDM-20F6-2M4T1

Intel Core DUO

## Spec

Product	96MPDM-20F6-2M4T1
Product Description	Intel Core DUO T2500 2.0G 667F 2MB 478Pin
Manufacturer Part Number	CP80539GF0412MX(SL9EH)
Manufacturer	INTEL
Processor Number	T2500
Code Name	Yonah
Compatible Chipsets	E7520, 945GM, 945GME, 945PM
Socket Type	PGA478
Clock Speed	2.0GHz
FSB	667MHz
L2 Cache	2MB
Manufacturing Technology	65NM
sSpec	SL9EH
Thermal Design Power	31W
Thermal Specification	100C
MultiCore	2 Cores
64 bit Support	N/A
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q1 / 2006



Picture is for display purpose only

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All product specifications are subject to change without notice.

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