Welcome to E-XFL.COM

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	Celeron D
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	3.2GHz
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	775-LGA
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpcd-3-2f5-5k7t

96MPCD-3.2F5-5K7T1

Intel Celeron D

Spec

Product	96MPCD-3.2F5-5K7T1
Product Description	Intel Celeron D 352 3.2G 533F 512K 775P
Manufacturer Part Number	BV80552RE088512 (SL9KM)
Manufacturer	INTEL
Processor Number	352
Code Name	Cedar Mill
Compatible Chipsets	852GME, 852PM, 865G, 875P, 915GL, 945G, 945GZ, 945P, 945PL, 946GZ, 946PL, G965, P965, Q963, Q965, 915GV
Socket Type	LGA775
Clock Speed	3.2GHZ
FSB	533MHZ
L2 Cache	512KB
Manufacturing Technology	65NM
sSpec	SL9KM
Thermal Design Power	86W
Thermal Specification	69.2C
MultiCore	N/A
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q2 / 2006

Picture is for display purpose only