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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	Active
Core Processor	AMD R-268D
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	2.5GHz
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	-
Purchase URL	https://www.e-xfl.com/product-detail/advantech/96mpar-2-5g-1mfst

![AMD Embedded Solutions R-Series APU logo]

96MPAR-2.5G-1MFST

Main Features

AMD R-268D APU
2.5G
1MB

Product	96MPAR-2.5G-1MFST
Product Description	AMD R-268D APU 2.5G 1MB FS1r2 2 Cores(G)
Manufacturer	AMD
Processor Number	R-268D
Socket Type	722PIN (FS1r2)
Clock Speed	2.5GHz
FSB	640MHz
L2 Cache	1MB
Manufacturing Technology	32NM
Graphic Processor	AMD RADEON HD 7420G
Thermal Design Power	35W
Thermal Specification	100C
Multi-Core	2 Cores
64 bit Support	Yes
Package	Tray
RoHS Status	Yes
Embedded	Yes
Launch Date	Q2 / 2012
EOL	Q4 / 2019