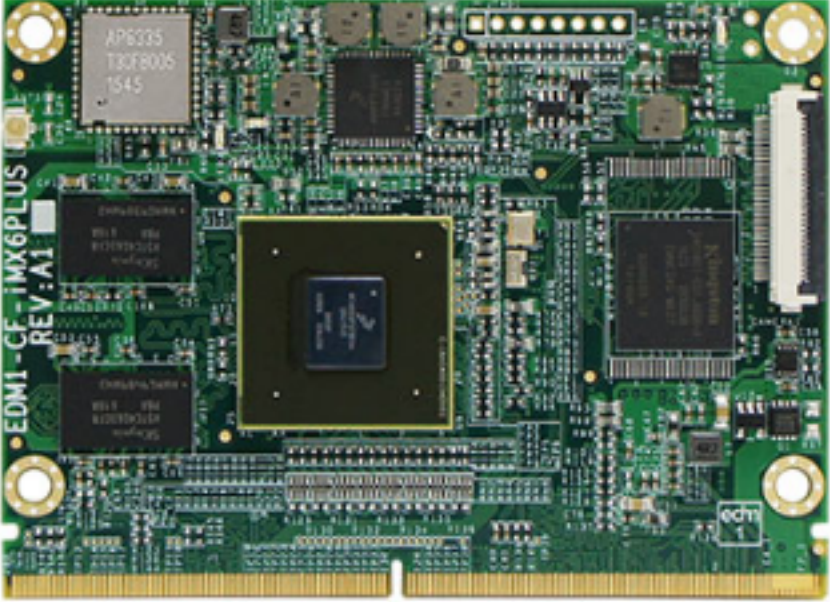


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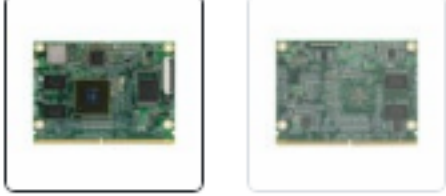
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EDM1-IMX6PS-R05-MSD

EDM COMPACT TYPE 1 NXP I.MX6 SOLO 1GHZ + PMIC + 512MB RAM + SD CARDSLOT

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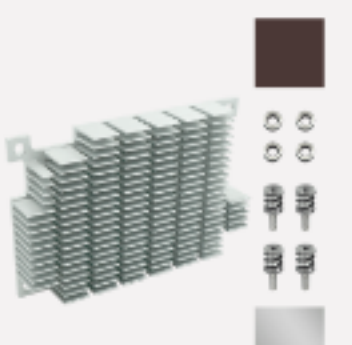
EDM System-on-Module based around NXP i.MX6 Solo SoC with 512MB of DDR3 memory, SD card slot.

Specification	Block Diagram	Dimensions
Core System		
Processor	NXP i.MX6 Solo	
Processor Speed	1.0 Ghz	
Architecture	ARM Cortex-A9	
PMIC	NXP MMPF0100	
Memory	512MB DDR3	
Storage	MicroSD	
Board-to-Board Connector	EDM connector (314-pin MXM3)	
System on Module	EDM SOM	
Debug Interface	JTAG Interface by Through-hole	
Connectivity		
Network LAN	1x Atheros AR8035 Gigabit LAN	
Signaling		
I/O	HDMI LVDS RGB TTL LAN PCIe USB USB OTG I²S SPDIF SDIO CAN UART SPI I²C GPMC PWM GPIO	
Video		
GPU Engine	Vivante GC320 (2D Composition) Vivante GC880 (Solo/DualLite)	
Video decode	1080p30 + D1 (Solo/DualLite)	
Video encode	BP/Dual 720p	
Camera	MIPI CSI (2 lanes)	
Audio		
Audio Codec	On carrier board	
Audio Interface	I²S (2 channel)	
Power Specifications		
Power Input	5V DC +/-5%	
Power Consumption	Depending on Configuration	
Operating Systems		
Standard Support	Linux Yocto Android Ubuntu	
Extended Support	Commercial Linux	
Environmental and Mechanical		
Dimensions	82 x 60 mm	
Form Factor	EDM Type 1	
Relative Humidity	10 to 90 %	
MTBF	100,000+ Hours	
Shock	15G half-sine 11 ms duration	
Operation Temperature	Commercial: 0° to +60° C	
Vibration	1 Grms random 5-500Hz hr/axis	
Weight	20 grams	
Certification and Compliance		
Certification	Compliant with CE / FCC / RoHS / REACH directives	
Shop Data		
Brand	TechNexion	
SKU Number	EDM1IMX6PSR05MSD	
Country of Origin	Taiwan	
HTSN	8473.30.1180	
ECCN	5A992.c Mass Market	
CCATS	740.17(b)(1) Mass Market (No License Required)	
REACH / RoHS	YES	



EDM-CONNECTOR R

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EDMHS12M2T20 20125KIT

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EDM-CONNECTOR R-KIT

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WB-IMX6S-9377

Someone from Brno N/A Czech Republic recently purchased WB-IMX6S-9377