



# SODIMM











MICROPROCESSOR ARCHITECTURE

## i.MX93 0012500





Based on the Sodimm format, this **SOM + CARRIER Solution** is designed to offer solid performance for entry-level applications.



### APPLICATIONS

 Ho.Re.Ca	 Transportation	 Aerospace	 Industrial
 Naval	 Medical	 Robotics	 Digital Signage
 Automotive	 Household appliances		


### MAIN FEATURES


	<b>CPU</b> NXP i.Mx93 (Single/Dual Core ARM Cortex-A55 1.7GHz)
	<b>MASS STORAGE</b> Starting from 8 GB eMMC / micro-SD slot
	<b>RAM</b> LPDDR4 1-2GB
	<b>CONNECTIVITY</b> 1x GB Ethernet / WiFi / Bluetooth 4.2


 **OPERATING SYSTEM**  
Linux Yocto / Debian

 **USB**  
3 USB 2.0 + 1 OTG

 **I/O**  
7 GPIO + 1xPWM

 **GRAPHICS**  
2D pixel acceleration engine (PxP)

 **INTERFACES**  
1xI2C, 1xUART, 1xRS232, 1xRS485, 1xCAN, Mini Pci Express, Micro sim slot, 1xMIPI CSI 4-lane camera

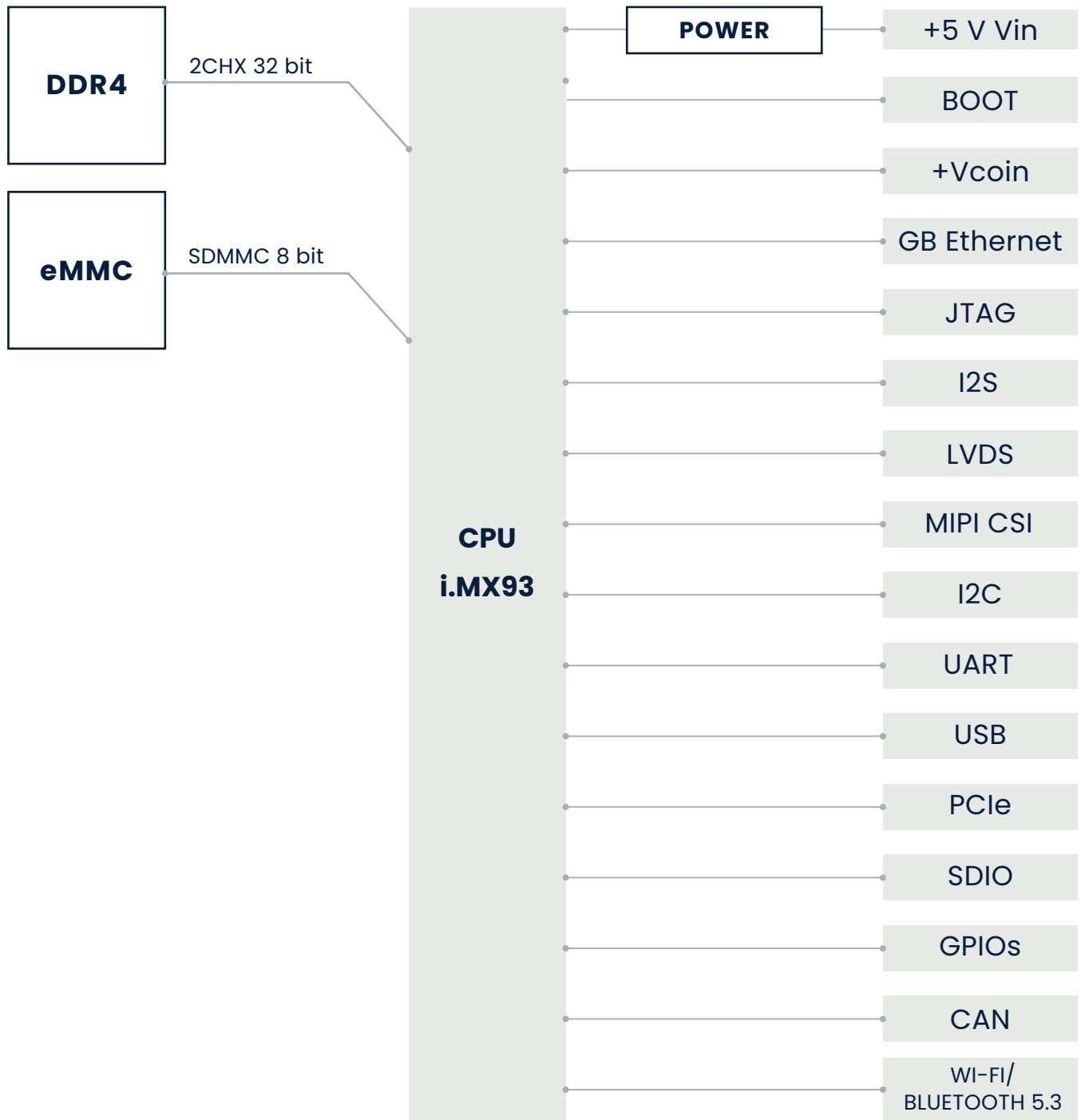
 **POWER SUPPLY**  
From 15Vdc to 35Vdc / Available voltages on board: 3,3Vdc, 5Vdc, 12Vdc.

 **VIDEO**  
LVDS interface up to 1366x768p60 or 1280x800p60



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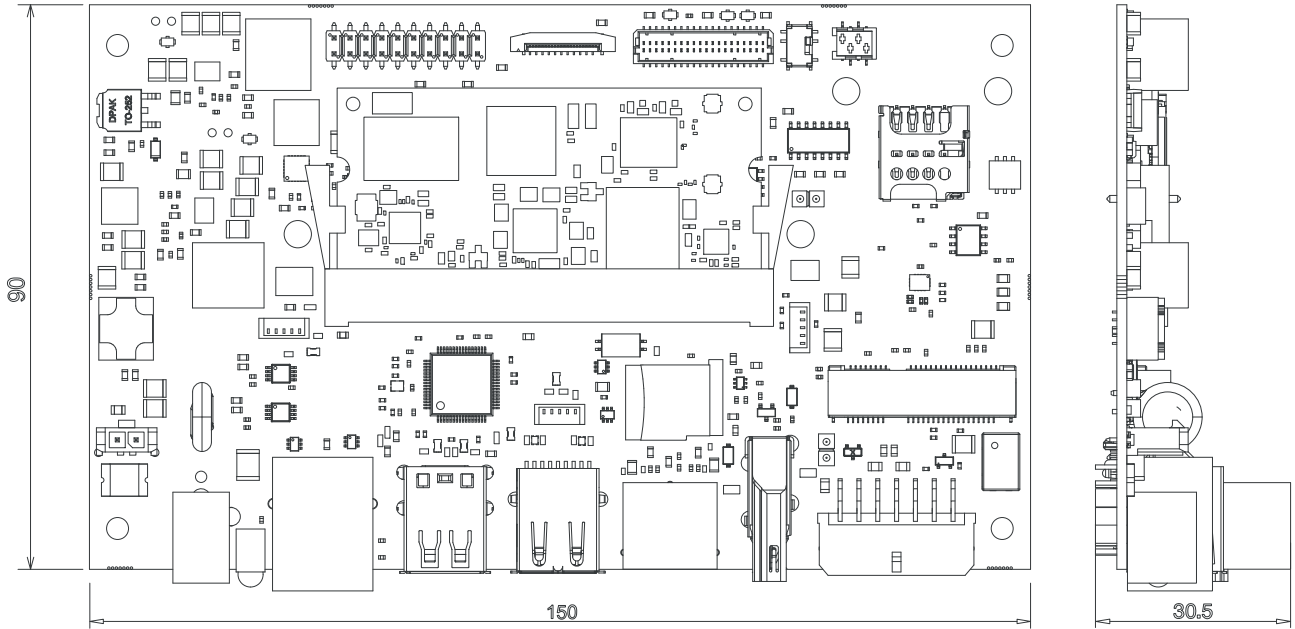
Block Diagram Arm Cortex **i.MX93**





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Dimensions



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Interfaces and ports

