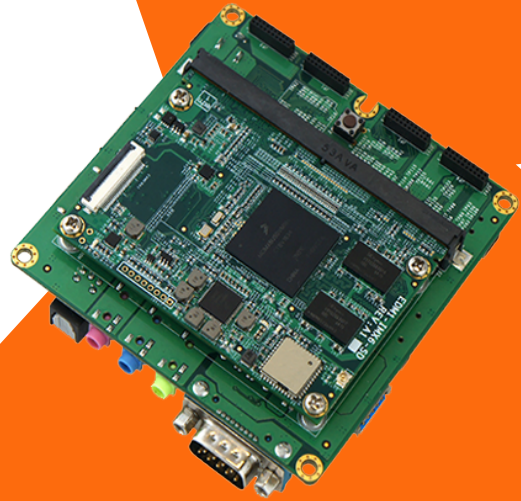




NXP i.MX6 Cortex-A9

low cost open source community development board

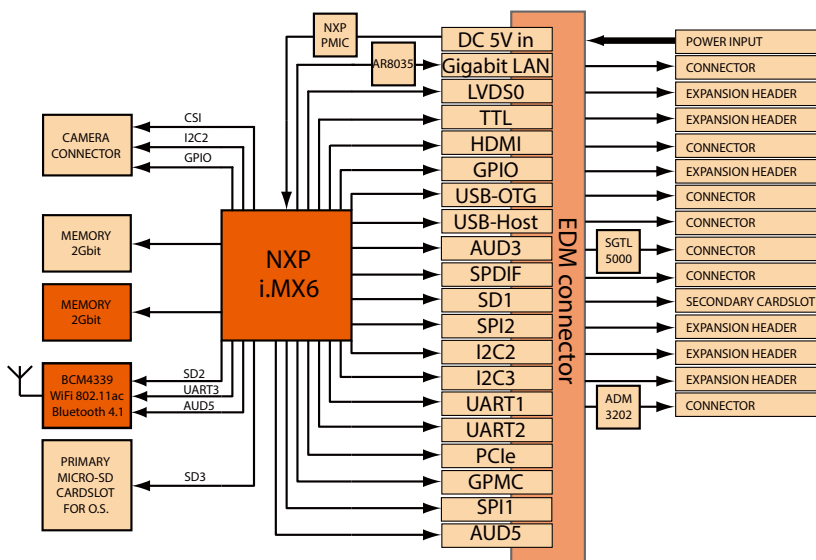


Specifications

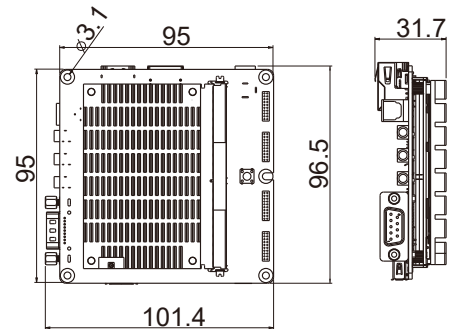
	Wandboard Solo	Wandboard Dual	Wandboard Quad	Wandboard Quad Plus
Processor	NXP i.MX6 Solo	NXP i.MX6 DualLite	NXP i.MX6 Quad	NXP i.MX6 QuadPlus
Architecture	ARM Cortex-A9	ARM Cortex-A9	ARM Cortex-A9	ARM Cortex-A9
PMIC	x	NXP MMPF0100	NXP MMPF0100	NXP MMPF0100
Memory	512 MB DDR3	1 GB DDR3	2 GB DDR3	2 GB DDR3
Storage	MicroSD Cardslot	MicroSD Cardslot	MicroSD Cardslot	MicroSD Cardslot
Gigabit LAN	✓	✓	✓	✓
WiFi/Bluetooth	x	✓	✓	✓
Audio	✓	✓	✓	✓
Optical S/PDIF	✓	✓	✓	✓
HDMI	✓	✓	✓	✓
Camera interface	✓	✓	✓	✓
Serial port	✓	✓	✓	✓
Expansion header	✓	✓	✓	✓
USB	✓	✓	✓	✓
USB OTG	✓	✓	✓	✓
SATA connector	x	x	✓	✓

Complete Schematics, Source Code and Documentation can be found on: www.wandboard.org

Block Diagram



Dimensional Drawing



Order Information

Model Name	Description
WB-IMX6S	Wandboard i.MX6 Solo
WB-IMX6U-BW	Wandboard i.MX6 DualLite
WB-IMX6Q-BW	Wandboard i.MX6 Quad
WB-IMX6QP-BW	Wandboard i.MX6 QuadPlus
WBENCLOSURE	Wandboard enclosure
WBANTENNAKIT	Wandboard antenna kit
CAM-OV5645	Camera module

Mouser Electronics

Authorized Distributor

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