3.5 inch Single-Board-Computer | **Pistachio**

Key Features

- ■ Industrial / Commercial design

- ■ -40~85°C / 0~60°C operating temperature

- ✓ NXP ARM-Cortex A9 IMX6 up to 1GHz

- ✓ 9-36 VDC Input

- ✓ Full Open Source Support on Linux base OS

- ✓ Hardware testing before shipping

- ✓ Long Life time support: 5 years

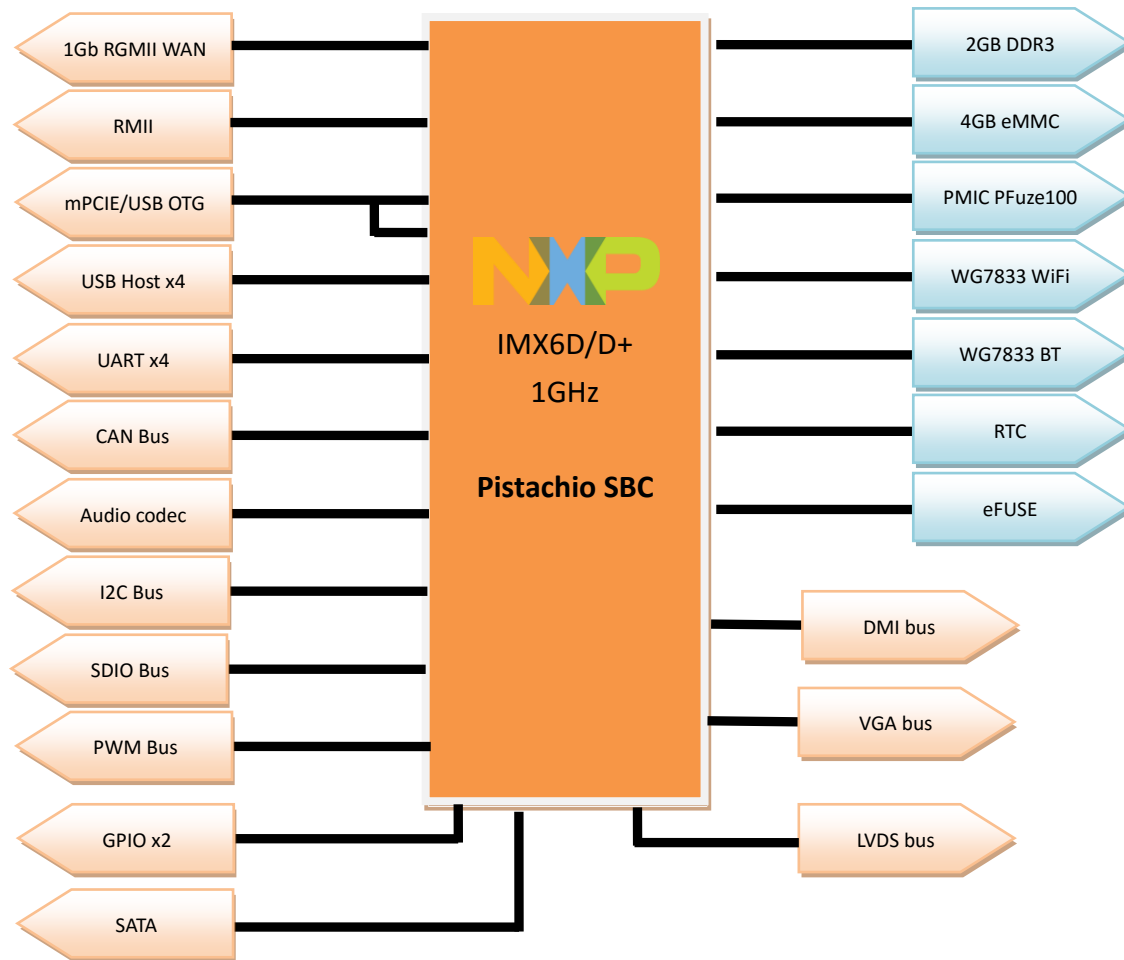| Specifications	Pistachio
System	
CPU	NXP ARM Cortex-A9 IMX6 up to 1GHz
Memory	Up to 2GB DDR3
Storage	4GB eMMC
PMIC	NXP PFUZE100
WiFi/Bluetooth	802.11a/b/g/n, BT v4.2
RTC	x1
I/O	
Network	10/100/1000Mb RGMII Ethernet
USB Host/USB OTG	x4/x1 for mPCIE connector
Serial Port	RS232/422/485 x1, RS232 x3 (one is debug console)
CAN bus	x1
I2C	x1
PWM	x1
I2C Touch	x1
Audio	x1
SD slot	x1
GPIO	x2
Display	LVDS x2, VGA x1 (24-bit RGB), DMI x1
SATA	x1
mPCIE	x1, SIM card slot x1
Software	
Linux Kernel	4.1.15 ↑
OS	Debian, Buildroot, Yocto, Android
Environmental	
Dimension	148 x 102mm
Certification	CE, FCC, RoHS, EMI, ESD and Surge for pre-testing

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1Gb RGMII WAN		2GB DDR3
RMII		4GB eMMC
mPCIE/USB OTG		PMIC PFuze100
USB Host x4	**IMX6D/D+**	WG7833 WiFi
UART x4	**1GHz**	WG7833 BT
CAN Bus		RTC
Audio codec	**Pistachio SBC**	eFUSE
I2C Bus		
SDIO Bus		DMI bus
PWM Bus		VGA bus
GPIO x2		LVDS bus
SATA		

Ordering Information

Part No. : Pistachio-BMX6D-D2048-E4G-WB

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Please contact us for custom the Carrier Board for your projects.