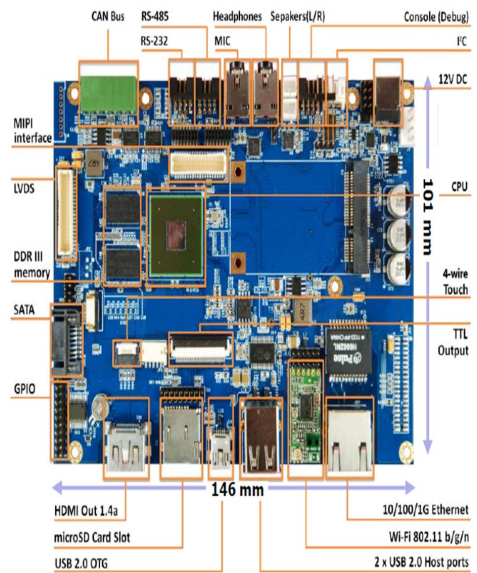


EX-9686U-LC
EX-9686A-LC
BOX PC (Ubuntu/ Linux Ready)
 iMX6 Quad-/Dual-/Single-Core
 ARM Cortex™-A9 @1GHz



Feature:

- 1GHz ARM Quad-/Dual-/Single-core computer
- Low power consumption
- Ubuntu/ Linux Ready
- Supports I2C, GPIO, HDMI, RS232/RS485, 10/100/1Gb Ethernet
- 9V~36V wide range power input
- Over voltage protection (optional)
- Quad-band WCDMA (3G) module/WiFi/ CAN (optional)

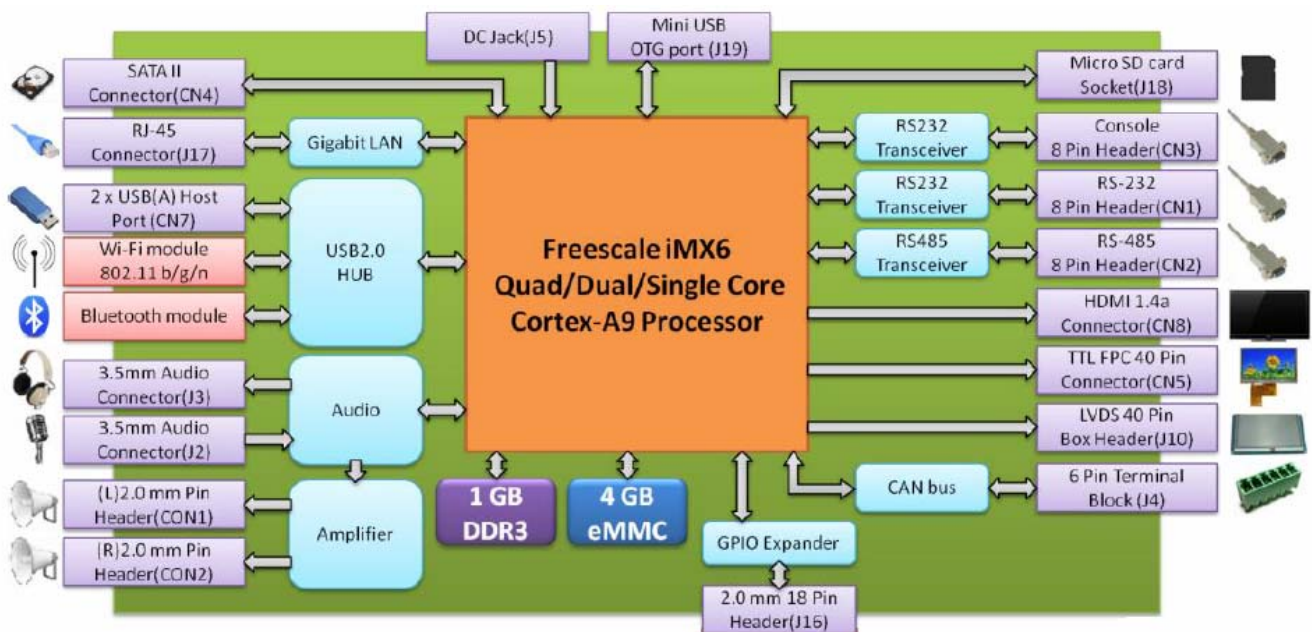
H/W specification:

CPU	Freescale iMX6 Quad-/Dual-/Single-Core ARM Cortex™-A9 @1GHz
Memory / Storage	1GB / 512MB (for Single)DDR3+4GB flash (eMMC)
Display Interface	1 x TTL LCD connector 1 x LVDS connector (20channels) 1 x HDMI 1.4 connector
Touch Interface	1 x 4-wire RTP connector 1 x CTP connector
Audio Interface	1 x min in, 1 x headphone 2 x (1 x 2 header)speaker
Network	1 x 10/100/1Gb Ethernet(RJ-45)
OS supported	Android 4.2 / Ubuntu 11.10
Storage	1 x microSD card slot 1 x SATA 2 Gb/s connector
I/O interfaces	1 x USB2.0 OTG port (type B connector)
	1 x (2 x 4 header) RS-232 port
	1 x (2 x 4 header) RS-485 port
	1 x (2 x 4 header) console port
	2 x USB 2.0 host ports (type A connectors)
	1 x (1 x 3 header) I2C Master port 1 x (2 x 10 header) 8-bit GPIO
Power adppter	DC + 12 V / 2A
Dimension	146 mm x 101 mm x 23 mm
Weight	Approx. 120 g
Environment	Operating temperatur : 0 °C~60°C
Optional functions	1 x CAN bus port + additional 8 – bit GPIO + over voltage protection + over current protection
Option modules	802.11 b/g/n Wi-Fi module Bluetooth module 3G (quad-band WCDMA)module 4-ch AV-in (NTSC/PAL)video capture module 4 x RS232/RS485 port module

S/W specification:

General	OS: Ubuntu 11.10 Linux 3.0.35 Boot Loader: U-Boot v1.3.2 File Systems: ETX2/ETX3/ETX4, VFAT/FAT, NTFS
Protocol stacks	IPv4, ICMP, DHCP, NTP(client), TCP,UDP, FTP(S/C) Telnet, HTTP, PPP, PPPoE, CHAP, PAP, SMTP, SNMP V1/V3, SSL, SSH 1.0/2.0
Utilities	Sh: shell command No login Telnet client Busybox FTP client
Daemon	Pppd: Dial In/out over serial port & PPPoE Snmpd: SNMP agent program Telnet server Inetd: TCP server proram FTP server(vsftp) Web server(boa) Sshd: secured shell server Iptables: Firewall service manager
Tool Chain for Linux	GCC 4.4.4 GLIBC: POSIX Library
Device Drivers	SD/MMC, UART, Real Time Clock, Digital, I/O, Ethernet, Watchdog Timer, WiFi, USB
USB Host Drivers (could be customized)	Flash disk, WiFi(IEEE-802.11b/g), and RS-232 adaptors

Block Diagram:



Dimension:

