



Features

- With NXP Cortex™-A9, i.MX 6Dual-Lite 1GHz processor
- 1GB DDR3, 4GB eMMC, Micro SD socket for expansion
- Embedded I/O for COM, GPIO, USB, USB-OTG, Ethernet
- M.2 Key-E (2230) for wireless connectivity
- Ruggedized and fanless design



System

System Board	IBR115 2.5-inch SBC
CPU Type	NXP Cortex™-A9 i.MX 6Dual-Lite 1GHz processor
Memory	1GB DDR3 on board
Storage	4GB eMMC on board
Construction	Steel
Color	TBD
Video Codec	Encoder: MPEG-4 SP, H.264 BP, H.263, MJPEG BP Decoder: MPEG-4 ASP, H.264 HP, MPEG-2 MP, MJPEG BP
LAN	10/100/1000 Mbps
RTC	IDT 1337AGDVG18
Watchdog	256 Levels, 0~128 secs
Front I/O	1x USB Type-A 1x GbE (RJ45 connector) 1x HDMI Type-A 1x RS232 /422/485 (DB9 connector) 1x Mini-USB OTG
Rear I/O	1x USB 2.0 Type-A. 1x GPIO (DB9 connector)
Side I/O	1x Reset button for power on/off 1x 12V DC in (DC-jack) 1x Micro SD socket (UHS-I SDR-104, 104MB/s max.) 1x Antenna hole (RP SMA jack)
Expansion	1x M.2 Key-E (2230) w/ USB, SDIO, UART, PCI-E
Indicators	1x Green LED (for power status)
Dimensions (WxDxH)	122mm x 102mm x 36 mm (4.81" x 4.02" x 1.42")
Mounting	VESA 75 / DIN rail / wall mount

Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Relative Humidity	10%~90% (non-condensing)
Certification	CE/ FCC Class B
Operating System	Yocto Linux 2.0 (Kernel 4.1.15) / Android 6

Ordering Information

ISR101	ARM-based IOT Gateway, NXP Cortex™-A9, i.MX 6Dual-Lite 1GHz, 1GB DDR3, 4GB eMMC, HDMI, RS-234/422/485, USB2.0, M.2 Key-E(2230)
Cable	USB-81, USB OTG
RF module	ENL-B4356M2I, Wifi + BT (M.2 card Type 2230)
Power Adapter	FSP036
VESA Mounting Kit	VESA 75/100
DIN RAIL Kit	DINRAIL V-A1