

About us

BiZright Technologies designs and manufactures Raspberry Pi model B based industrial IoT Edge gateways that serves mission critical area for a various range of enterprises and organizations such as Edge computing and General-purpose industrial applications.

IOT Edge Gateway

Model: BH3



Size

32 x 89 x 115mm, 1.26 x 3.50 x 4.53inch (Excluding protrusions)

Weight

420 g, 0.93 lb (Not including AC adapters)

Enhanced Features

Eliminates the inherent weaknesses of the Raspberry Pi

- Power Supply Enhancement
- Watch Dog Timer (WDT) Enabled
- Add to UPS Function
- Noise protection
- Operational selector switch

Specification

Based CPU board	Raspberry Pi 3 Model B
OS	Raspberry Pi OS(Downloadable BH setup tool provided)
CPU	1.2GHz / 64-bit quad-core ARMv8 CPU
GPU	400MHz/Broadcom VideoCore IV
RAM	LPDDR2 SDRAM1GB
RTC	Yes
Video Out	HDMI(1.3 + 1.4)
Audio Out	3.5mm Audio Jack / Full-HDMI / USB Port
USB port	USB2.0x4
I/O Connectors	GPIO 40Pins (3 GPIO ports are reserved for the power supply circuit and RTC. 5 ports for general-purpose switches can be selected to be used or unused.
Network	10/100Mbps Ethernet IEEE 802.11b/g/n Wireless LAN
Bluetooth	Bluetooth 4.1 Bluetooth Low Energy (BLE)
Card Slot	Micro SD card slot
Storage	Dependent on the micro SD card, (8GB reserved for OS)
AC adapter	AC100-240V, 50/60Hz, DC 7.5V 3A

More details

Please visit <https://bh.bizright.co.jp/en/index.html> for more details!

Contact

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