



999.00 EUR  
incl. 19% VAT, plus [shipping](#)

- 2x Gigabit LAN !
- Metal enclosure !
- VESA Mount !
- IoT Gateway !



- Intel® Celeron® processor N3350
- 32GB onboard eMMC memory
- 2 x SO-DIMM DDR3L slots
- 2 x GbE LAN ports (Realtek RTL8111HS)
- 2 x HDMI ports
- 1 x Full-size Mini-PCIe slot for 3G module or mSATA storage
- 1 x Micro SD card slot
- Compatible with Windows 10 IoT 64bit and Ubuntu 16.04 LTS

9BTCV8WMR-SI-9N44 EL30-N3350

GB-TCV8 (EL30)

Intel N3350, 32GB eMMC, 2\*2GB RAM, with wifi+BT combo, ZigBee, with VESA Mount

#### Operating Properties

Operating temperature: 0°C to 40°C

Operating humidity: 0%-90% (non-condensing)

Non-operating temperature: -20°C to 60°C

Non-operating humidity: 0%-95% (non-condensing)

|                      |                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| CPU                  | Intel® Pentium® processor N4200<br>4 cores, 4 threads<br>1.10 - 2.50 GHz<br>2MB L2 cache<br>6W max. TDP                  |
| Socket               | * Intel® Celeron® processor N3350 is available for optional sku<br>1 x BGA 1296<br>2 x SO-DIMM slots                     |
| Memory               | 1.35V DDR3L memory<br>Up to 8GB, dual channel<br>1600/1866MHz                                                            |
| Flash Memory         | Pre-installed DDR3L memory module<br>32GB eMMC                                                                           |
| LAN                  | 2 x GbE LAN ports (Realtek RTL8111HS)<br>Integrated in the SoC - Intel® HD Graphics 505                                  |
| Video                | 2 x HDMI ports, supporting a maximum resolution of<br>3840x2160@30 Hz<br>* Support for HDMI 1.4b version                 |
| Audio                | Realtek ALC255<br>1 x Full-size Mini-PCIe slot (for 3G module or mSATA storage)<br>1 x Zigbee module supported in option |
| Expansion Slots      | 1 x M.2 slot:<br>- E-key<br>- PCIe Gen2 x1<br>- Pre-installed Wifi module                                                |
| Rear I/O             | 1 x DC-in<br>2 x HDMI<br>2 x RJ45<br>1 x RJ45 type COM (RS485 / 232)                                                     |
| TPM                  | 1 x TPM header<br>Windows 10 64bit                                                                                       |
| OS Compatibility     | Windows 10 IoT 64bit<br>Ubuntu 16.04 LTS<br>AC 100~240V                                                                  |
| Power Supply         | 19V DC-in<br>65W / 3.42A<br>1 x Quick start guide<br>1 x EL30 system                                                     |
| Packaging Content    | 1 x 19V AC/DC power adapter<br>1 x US type power cord<br>* Please contact region sales for antenna modules               |
| Ordering Information | 9BTCV9WMR-SI                                                                                                             |
| Storage              | 1 x Micro SD card slot<br>4 x USB 3.0<br>1 x SD card slot                                                                |
| Front I/O            | 1 x Audio combo jack (Headphone-out / MIC-in)<br>1 x Power button with LED<br>1 x HDD/SSD activity LED                   |
| System Fans          | Fanless                                                                                                                  |
| Dimension            | 140.8 x 107.5 x 29.5 mm                                                                                                  |
| Motherboard          | MZAPLFP                                                                                                                  |
| Weight               | 560g                                                                                                                     |

1 x Micro-B 5-pin \*RS232 full-duplex port ( TxD, RxD, CTS, RTS, GND)

\*[NOTE]:

1. Please check the pin definition and ensure the port is suitable for your peripherals.
2. The serial driver GIGABYTE provided for Windows 10 is a trial version, please contact your peripheral vendor to get the correct driver.

Side I/O