

## GIGABYTE B860M D3W Motherboard - Intel Core Ultra Series CPUs, 4+1+2 Phases VRM, up to 9066MHz DDR5, 2xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

**Brand :** GIGABYTE

**Product code:** B860M D3W

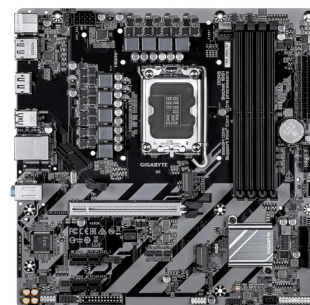
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- Supports Intel Core Ultra processors (Series 2)
- Hybrid 4+1+2 phases VRM solution
- D5 Bionic Corsa for Infinite Memory Performance
- AI Perfdrive: Provides optimal and customized BIOS preset profile for users
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Next Generation Storage: 2\*PCIe 4.0 x4 M.2 Connectors
- Fast Networking: GbE LAN
- Extended Connectivity: DisplayPort, HDMI

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| Processor                                |                                                                                               | Rear panel I/O ports                |                                          |
|------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------|
| Processor manufacturer *                 | Intel                                                                                         | DisplayPorts quantity               | 2                                        |
| Processor socket *                       | LGA 1851 (Socket V1)                                                                          | DisplayPort version                 | 2.1                                      |
| Compatible processor series *            | Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)                                    | Headphone outputs                   | 1                                        |
| Supported processor sockets              | LGA 1851                                                                                      | Line-in                             | ✓                                        |
| <b>Memory</b>                            |                                                                                               | Microphone in                       | ✓                                        |
| Supported memory types *                 | DDR5-SDRAM                                                                                    | <b>Network</b>                      |                                          |
| Number of memory slots *                 | 4                                                                                             | Ethernet LAN                        | ✓                                        |
| Memory slots type                        | DIMM                                                                                          | Ethernet interface type             | Gigabit Ethernet                         |
| Memory channels                          | Dual-channel                                                                                  | Wi-Fi *                             | ✗                                        |
| ECC compatibility                        | ECC & Non-ECC                                                                                 | <b>Features</b>                     |                                          |
| Supported memory clock speeds            | 5600,6400,9066,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,8800 MHz | Motherboard chipset *               | Intel B860                               |
| Supported memory clock speed (max)       | 9066 MHz                                                                                      | Audio output channels *             | 7.1 channels                             |
| Maximum internal memory *                | 256 GB                                                                                        | Product colour                      | Dark brown                               |
| Unbuffered memory                        | ✓                                                                                             | PC health monitoring                | Fan, Temperature, Voltage, Water cooling |
| Maximum internal memory per slot         | 64 GB                                                                                         | Component for *                     | PC                                       |
| Storage controllers                      |                                                                                               | Motherboard form factor *           | micro ATX                                |
| Supported storage drive types            | HDD & SSD                                                                                     | Motherboard chipset family *        | Intel                                    |
| Supported storage drive interfaces *     | M.2, SATA III                                                                                 | Cooling type                        | Passive                                  |
| Number of HDDs supported                 | 4                                                                                             | Power source type                   | ATX                                      |
| Number of storage drives supported       | 6                                                                                             | Windows operating systems supported | Windows 10 x64, Windows 11 x64           |
| RAID support                             | ✓                                                                                             | <b>Expansion slots</b>              |                                          |
| RAID levels                              | 0, 1, 5, 10                                                                                   | PCI Express x1 (Gen 3.x) slots      | 2                                        |
| Graphics                                 |                                                                                               | PCI Express x16 (Gen 5.x) slots     | 1                                        |
| Parallel processing technology support * | Not supported                                                                                 | Number of M.2 (M) slots             | 2                                        |
| Maximum resolution                       | 4096 x 2160 pixels                                                                            | 1st M.2 largest key size            | 2280                                     |
| HDCP                                     | ✓                                                                                             |                                     |                                          |
| HDCP version                             | 2.3                                                                                           |                                     |                                          |
| DirectX version                          | 12.0                                                                                          |                                     |                                          |
| Internal I/O                             |                                                                                               |                                     |                                          |
| USB 2.0 connectors *                     | 1                                                                                             |                                     |                                          |

| Internal I/O                                      |     | Expansion slots                            |                                         |
|---------------------------------------------------|-----|--------------------------------------------|-----------------------------------------|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 2   | 1st M.2 highest PCI Express generation     | 4.0                                     |
| Number of SATA III connectors *                   | 4   | 2nd M.2 largest key size                   | 2280                                    |
| Front panel audio connector                       | ✓   | 2nd M.2 highest PCI Express generation     | 4.0                                     |
| Front panel connector                             | ✓   | <b>BIOS</b>                                |                                         |
| ATX Power connector (24-pin)                      | ✓   | BIOS type *                                | UEFI AMI                                |
| CPU fan connector                                 | ✓   | BIOS memory size                           | 256 Mbit                                |
| Number of CPU fan connectors                      | 2   | ACPI version                               | 5.0                                     |
| Number of chassis fan connectors                  | 2   | Clear CMOS jumper                          | ✓                                       |
| EPS power connector (8-pin)                       | ✓   | Desktop Management Interface (DMI) version | 2.7                                     |
| Number of EPS power connectors (8-pin)            | 1   | System Management BIOS (SMBIOS) version    | 2.7                                     |
| TPM connector                                     | ✓   | <b>Logistics data</b>                      |                                         |
| Serial port headers                               | 1   | Country of origin                          | China                                   |
| Number of water pump connectors                   | 2   | Products per shipping (inner) case         | 1 pc(s)                                 |
| Rear panel I/O ports                              |     | <b>Battery</b>                             |                                         |
| USB 2.0 ports quantity *                          | 3   | Battery weight                             | 3 g                                     |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3   | Lithium weight per battery                 | 0.07 g                                  |
| Ethernet LAN (RJ-45) ports *                      | 1   | Number of battery cells                    | 1                                       |
| PS/2 ports quantity                               | 1   | Battery capacity                           | 220 mAh                                 |
| HDMI ports quantity *                             | 1   | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2)      |
| HDMI version                                      | 2.1 | Battery type                               | CR2032                                  |
|                                                   |     | <b>Weight &amp; dimensions</b>             |                                         |
|                                                   |     | Width                                      | 244 mm                                  |
|                                                   |     | Depth                                      | 244 mm                                  |
|                                                   |     | Height                                     | 35 mm                                   |
|                                                   |     | <b>Packaging content</b>                   |                                         |
|                                                   |     | Batteries included                         | ✓                                       |
|                                                   |     | Screws included                            | ✓                                       |
|                                                   |     | Bundled software                           | Norton® Internet Security (OEM version) |
|                                                   |     | <b>Technical details</b>                   |                                         |
|                                                   |     | Warranty period                            | 3 year(s)                               |



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### Catalog Object Cloud



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