| H170M-E D3 specifications summary | |
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| **CPU** | LGA1151 socket for 6th Generation Intel® Core™ i7/ i5/ i3/Pentium®/Celeron® Processors<br>Supports 14nm CPU<br>Supports Intel® Turbo Boost Technology 2.0*<br>* The Intel® Turbo Boost Technology 2.0 support depends on the CPU types. |
| **Chipset** | Intel® H170 Express Chipset |
| **Memory** | 4 x DIMM, max. 64GB, DDR3 1866(O.C.)/1600/1333 MHZ non-ECC un-buffered memory<br>Dual channel memory architecture<br>Supports Intel® Extreme Memory Profile (XMP)<br>*Refer to www.asus.com for the Memory QVL (Qualified Vendors List).<br>* Hyper DIMM support is subject to the physical characteristics of individual CPUs. Please refer to Memory QVL(Qualified Vendors List) for details. |
| **Expansion Slots** | 1 x PCI Express 3.0/2.0 x16 slot (at x16 mode)<br>1 x PCI Express 3.0/2.0 x16 slot (max. at x4 mode, compatible with PCIe x1 and x4 devices)<br>1 x PCI Express 3.0/2.0 x1 slot<br>1 x PCI slot |
| **Multi-GPU Support** | Supports AMD® CrossFireX™ Technology |
| **VGA** | Integrated Graphics Processor- Intel® HD Graphics support<br>Multi-VGA output support: HDMI/DVI-D/RGB port<br> - Supports HDMI with max. resolution 4096 x 2160@24Hz / 2560 x 1600@60Hz<br> - Supports DVI-D with max. resolution of 1920 x 1200 @60Hz<br> - Supports RGB with max. resolution 1920 x 1200@60Hz<br>Supports Intel® InTru™ 3D/Quick Sync Video/Clear Video HD Technology/Insider™<br>Supports up to 3 displays simultaneously<br>Maximum shared memory of 512MB |
| **Storage** | **Intel® H170 Express Chipset with RAID 0, 1, 5, 10 and Intel Rapid Storage Technology 14 support**<br> - 4 x SATA 6.0 Gb/s ports (gray)<br> - 1 x M.2 Socket 3with M Key, type 2242/2260/2280 storage devices support (both SATA & PCIE mode)<br> - Supports Intel® Smart Response Technology<br>** These functions will work depending on the CPU installed |
| **LAN** | Realtek® 8111H Gigabit LAN |
| **Audio** | **Realtek® ALC887 8-channel high definition audio CODEC**<br> - Audio Shielding: Ensures precision analog/digital separation and greatly reduced multi-lateral interference<br> - Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals<br> - Premium Japanese-made audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity<br> - Supports jack-detection, front panel jack-retasking |
| **USB** | **Intel® H170 Express Chipset- supports ASUS USB 3.0 Boost**<br> - 8 x USB 3.0/2.0 ports (4 ports @ mid-board; 4 ports @ back panel, blue, Type A)<br> - 6 x USB 2.0/1.1 ports (4 ports @ mid-board; 2 ports @ back panel) |
| **ASUS Exclusive Features** | **Proven Quality**<br>  **ASUS 5X PROTECTION II**<br>   - ASUS LANGuard<br>   - ASUS Circuit Design<br>   - ASUS DIGI+ VRM - 4+2+1 Phase digital power design<br>   - ASUS Enhanced DRAM Overcurrent Protection - Short circuit damage prevention<br>   - ASUS Stainless Steel Back I/O - 3x more durable corrosion-resistant coating<br>**Superb Performance**<br>  **M.2 onboard**<br>   - The latest transfer technologies with up to 32Gb/s data transfer speeds<br>  **ASUS Fan Xpert 2+**<br>   - Ultimate cooling and quietness<br>  **ASUS EPU**<br>   - EPU<br>  **PC Cleaner**<br>   - Fast and easy way to get rid of unnecessary junk files<br>  **UEFI BIOS**<br>   - Most advanced options with fast response time<br>  **USB 3.0 Boost**<br>   - featuring speedy USB 3.0 transmission<br>**Gaming Scenario**<br>  **Audio Features**<br>   - Audio that roars on the battlefield<br>  **Media Streamer**<br>   - Pipe music or movies from your PC to a smart TV, your entertainment goes wherever you go!<br>   - Media Streamer app for portable smartphone/tablet, supporting iOS 7 & Android 4.0 systems<br>**ASUS Exclusive Features**<br>   - ASUS Disk Unlocker featuring 3TB+ HDD support<br>   - ASUS AI Charger<br>   - ASUS AI Suite 3<br>   - Anti Surge<br>**EZ DIY**<br>  **Push Notice**<br>   - Monitor your PC status with smart devices in real time<br>  **UEFI BIOS EZ Mode**<br>   - featuring friendly graphics user interface<br>   - ASUS CrashFree BIOS 3<br>   - ASUS EZ Flash 3<br>  **Q-Design**<br>   - ASUS Q-DIMM<br>   - ASUS Q-Slot |
| **ASUS Quiet Thermal Solution** | **Quiet Thermal Design:**<br>   - ASUS Fan Xpert 2+<br>   - Stylish Fanless Design: PCH Heat-sink solution |
| **Back Panel I/O** | 1 x PS/2 keyboard port<br>1 x PS/2 mouse port<br>1 x HDMI port<br>1 x DVI-D port |

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| **Back Panel I/O Ports** | 1 x RGB port |
| | 1 x LAN (RJ45) ports |
| | 4 x USB 3.0/2.0 ports (blue) |
| | 2 x USB 2.0/1.1 ports |
| | 3-Jack 8-Channel Audio I/O ports |
| **Internal I/O Connectors** | 2 x USB 3.0/2.0 connector support additional 4 USB ports |
| | 2 x USB 2.0/1.1 connectors support additional 4 USB ports |
| | 4 x SATA 6.0Gb/s connectors(gray) |
| | 1 x M.2 Socket 3(for M Key, type 2242/2260/2280 devices) |
| | 1 x CPU Fan connector  (PWM mode only) |
| | 2 x 4-pin Chassis Fan connectors (4-pin) for both 3-pin(DC mode) and 4-pin(PWM mode) coolers control |
| | 1 x Front panel audio connector |
| | 1 x System panel connector |
| | 1 x Speaker connector |
| | 1 x S/PDIF out header |
| | 1 x 24-pin EATX Power connector |
| | 1 x 8-pin EATX 12V Power connector |
| | 1 x LPT header |
| | 1 x COM header |
| | 1 x TPM Header |
| | 1 x Clear CMOS jumper |
| **BIOS** | 128Mb Flash ROM, UEFI AMI BIOS,PnP, DMI3.0, WfM2.0, SM BIOS 3.0, ACPI 5.1, Multi-language BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F11 EZ Tuning Wizard, F6 Qfan Control, F3 My Favorites, Quick Note, Last Modified log, F12 PrintScreen, and ASUS DRAM SPD (Serial Presence Detect) memory information |
| **Manageability** | WfM 2.0, DMI 3.0, WOL by PME, PXE |
| **Accessories** | 2 x Serial ATA 6.0Gb/s cables |
| | 1 x I/O Shield |
| | 1 x Support DVD |
| | 1 x M.2 screw package |
| | 1 x User's manual |
| **Support DVD** | Drivers |
| | ASUS Utilities |
| | ASUS EZ Update |
| | Anti-virus software (OEM version) |
| **Operating System Support** | Windows® 10 (64-bit) |
| | Windows® 8.1 (64-bit) |
| | Windows® 7 (64-bit/32-bit) |
| **Form Factor** | uATX Form Factor, 9.6"x 8.8"(24.4cm x 22.4cm) |