

Sabertooth Z170 S Specifications Summary - Asus SABERTOOTH Z170 Manual

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SABERTOOTH Z170 S specifications summary

on slots

PU support

LGA1151 socket for 6th Generation Intel
/ Celeron
Processors

®

Supports 14nm CPU

Supports Intel

Turbo Boost Technology 2.0*

®

* The support of these features depends on the CPU types.

** Refer to www.asus.com for the complete CPU support list.

Intel

Z170 Express Chipset

®

4 x DIMM, max. 64GB, DDR4 2400/2133 MHz, non-ECC, unbuffered memory

Dual channel memory architecture

Supports Intel

Extreme Memory Profile (XMP)

®

* Hyper DIMM support is subject to the physical characteristics of individual CPUs. Please refer to Memory QVL (Qualified Vendors List) for details.

** Refer to www.asus.com or this user guide for the complete Memory QVL (Qualified Vendors List).

2 x PCI Express 3.0/2.0 x16 slots (single at x16 or dual at x8/x8 mode)

1 x PCI Express 3.0/2.0 x16 slot* (max. at x4 mode, compatible with PCIe x1, x2 and x4 devices)

3 x PCI Express 3.0/2.0 x1 slots

* The PCIe x16_3 slot shares bandwidth with SATA6G_56. The PCIe x16_3 is default set at x2 mode.

Integrated Graphics Processor- Intel

Multi-VGA output support: DisplayPort/HDMI port

Supports DisplayPort 1.2* with max. resolution 4096 x 2160@24Hz / 3840 x 2160@60Hz

Supports HDMI 1.4b with max. resolution 4096 x 2160@24Hz / 2560 x 1600@60Hz

Supports Intel

InTru™ 3D/Quick Sync Video/Clear Video HD

®

Technology/Insider™

Maximum shared memory of 1024MB

* DP 1.2 Multi-Stream Transport compliant, supports DP 1.2 monitor daisy chain up to 3 displays

Supports NVIDIA

2-Way/Quad-GPU SLI™ Technology (with 2

®

PCIex16 graphics card)

Supports AMD

3-Way/Quad-GPU CrossFireX™ Technology

®

Gigabit Intel LAN connection- 802.3az Energy Efficient Ethernet (EEE) appliance

Intel

I219-V Gigabit LAN- Dual interconnect between the integrated

®

Media Access Controller (MAC) and physical layer (PHY)

TUF LANGuard

ASUS Turbo LAN Utility

(continued on the next page)

Core™ i7/ i5/ i3/ Pentium

®

HD Graphics support

®

®

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Asus Z170-Premium series

[Z170-K Z170-K Specifications Summary](#)

ASUS Z170-K

[Z170-P D3 Z170-P D3 Specifications Summary](#)

Asus Z170-P D3

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Asus Z170-A

[Z170 PRO GAMING Z170 Pro Gaming Specifications Summary](#)

Asus Z170 PRO GAMING