



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ASROCK Z68 EXTREME3 GEN3. You'll find the answers to all your questions on the ASROCK Z68 EXTREME3 GEN3 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ASROCK Z68 EXTREME3 GEN3
User guide ASROCK Z68 EXTREME3 GEN3
Operating instructions ASROCK Z68 EXTREME3 GEN3
Instructions for use ASROCK Z68 EXTREME3 GEN3
Instruction manual ASROCK Z68 EXTREME3 GEN3

Z68 Extreme3 Gen3
Intel® Z68 Chipset

ASRock
www.asrock.com

Detail Specification <<<

Platform
Intel® Z68 Chipset, LGA 1156, 2x PCI Express 2.0

CPU
Intel® Core™2 Duo Processor E (E6700, E6800, E6900, E6950, E7200, E7300, E7400, E7500, E7600, E7700, E7800, E7900, E8400, E8500, E8600, E8700, E8800, E8900, E9300, E9500, E9600, E9700, E9800, E9900)

Chipset
Intel® Z68 Chipset

Memory
Intel® DDR3 memory technology
4 x DDR3 DIMM slots, supporting DDR3 1333/1066 MHz
Max. 32GB DDR3 (8GB per slot)

Expansion Slot
1 x PCI Express 2.0 x16 slot, PCI Express 2.0 x16 slot (PCI-E)
1 x PCI Express 2.0 x1 slot, PCI Express 2.0 x1 slot (PCI-E)
1 x PCI Express 2.0 x1 slot, PCI Express 2.0 x1 slot (PCI-E)

Graphics
Intel® Graphics Technology, Intel® Graphics Media Accelerator 960 (GMA 960)
Intel® Graphics Technology, Intel® Graphics Media Accelerator 965 (GMA 965)
Intel® Graphics Technology, Intel® Graphics Media Accelerator 965G (GMA 965G)

Audio
Intel® High Definition Audio Controller, Realtek High Definition Audio Codec

LAN
Realtek LAN Controller, Realtek LAN Controller

Front Panel I/O
Front Panel USB, Front Panel Audio, Front Panel FireWire

SATA3
6 x SATA3 ports, SATA3 RAID controller

USB 3.0
4 x USB 3.0 ports

Connector
24-pin ATX Power Connector, 4-pin ATX 12V Power Connector, 16-pin CPU Power Connector, Front Panel Audio Connector, Front Panel USB Connector, Front Panel FireWire Connector

Smart Switch
Smart Switch, Smart Switch

BIOS Feature
BIOS Setup, BIOS Setup

Support CD
Support CD, Support CD

Unique Feature
ASRock UEFI BIOS, ASRock UEFI BIOS

Hardware Monitor
ASRock UEFI BIOS, ASRock UEFI BIOS

OS
ASRock UEFI BIOS, ASRock UEFI BIOS

Certifications
ASRock UEFI BIOS, ASRock UEFI BIOS

Accessories
ASRock UEFI BIOS, ASRock UEFI BIOS

Product Brief <<<

- Premium Gold Caps (2.5x longer life time), 100% Japan-made high-quality Conductive Polymer Capacitors
- Digi Power, Advanced VR + 4 Power Phase Design
- 2 x PCIe 3.0 x16 slots, Supports AMD Quad CrossFire™ and NVIDIA® Quad SLI™
- Supports Intel® HD Graphics Built-in Visuals
- Dr. Debug, Smart Switch Design: PowerReset/Clear CMOS Switch with LED
- Support Intel Smart Response, Lucid Virtu Switchable Graphics
- Supports ASRock XFast USB, XFast LAN Technologies
- Supports ASRock OnOff Play, graphical UEFI, ASRock Extreme Tuning Utility (XTU)
- Combo Cooler Option (C.C.O.)
- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec), Supports THX TruStudio™
- Free Bundle: 1 x 3.5mm Audio Cable, CyberLink MediaEspresso 6.5 Trial, ASRock MAGX Multimedia Suite

The specifications are subject to change without notice. The listed product names are trademarks of their respective companies. All copyrights are for legal protection purposes.



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Manual abstract:

asrock . @@capacity of system memory: 32GB - Supports Intel® Extreme Memory Profile (XMP) - 2 x PCI Express 3.0 x16 slots (PCIe2/PCIe4: single at x16 (PCIe2) / x8 (PCIe4), or dual at x8 (PCIe2) / x8 (PCIe4)) (PCI Express 3.0 with Intel® Ivy Bridge CPU, PCI Express 2.0 with Intel® Sandy Bridge CPU) - 2 x PCI Express 2.0 x1 slots - 2 x PCI slots - Supports AMD Quad CrossFireXTM and CrossFireXTM - Supports NVIDIA® Quad SLITM and SLITM - Supports Intel® HD Graphics Built-in Visuals : Intel® Quick Sync Video, Intel® InTruTM 3D, Intel® Clear Video HD Technology, Intel® HD Graphics 2000/3000, Intel® Advanced Vector Extensions (AVX) - Pixel Shader 4.1, DirectX 11 with Intel® Ivy Bridge CPU, DirectX 10.1 with Intel® Sandy Bridge CPU - Max. shared memory 1759MB - Three VGA Output options: D-Sub, DVI-D and HDMI - Supports HDMI 1.4a Technology with max. resolution up to 1920x1200 @ 60Hz - Supports DVI with max. resolution up to 1920x1200 @ 60Hz - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI (Compliant HDMI monitor is required) - Supports HDCP function with DVI and HDMI ports - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports - 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) - Premium Blu-ray audio support - Supports THX TruStudioTM PCIe x1 Gigabit LAN 10/100/1000 Mb/s Realtek RTL8111E Supports Wake-On-LAN Supports LAN Cable Detection Supports Energy Efficient Ethernet 802.3az Supports PXE Expansion Slot Graphics Audio LAN Rear Panel I/O Built-in Visuals Free Bundle Intel Smart Response Technology On/Off Play 3. 5mm Audio Cable I/O Panel - 1 x PS/2 Keyboard Port - 1 x D-Sub Port - 1 x DVI-D Port - 1 x HDMI Port - 1 x Optical SPDIF Out Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x eSATA3 Connector - 2 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x Clear CMOS Switch with LED - HD Audio Jack: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone - 2 x SATA3 6.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5, Intel Rapid Storage and Intel Smart Response Technology), NCQ, AHCI and "Hot Plug" functions (SATA3_1 connector is shared with eSATA3 port) - 2 x USB 3.0 ports by ASMedia ASM1042, support USB 1. 0/2.0/3.0 up to 5Gb/s - 4 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5, Intel Rapid Storage and Intel Smart Response Technology), NCQ, AHCI and Hot Plug functions - 2 x SATA3 6.0 Gb/s connectors - 1 x IR header - 1 x CIR header - 1 x COM port header - 1 x HDMI_SPDIF header - 1 x Power LED header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - Front panel audio connector - 4 x USB 2.0 headers (support 8 USB 2.0 ports) - 1 x Dr. @@@@com Graphical UEFI * Graphical Visual Experience * Mouse Enabling * Supports 3TB bootable HDD On/Off Play Enjoy great audio experience from the portable audio devices via PC speaker even when the system is powered off. On/Off Play Cyberlink MediaEspresso 6.5 Trial The fastest video media conversation software Free Bundle 3. 5mm Audio Cable THX TruStudio Delivering the fullest audio experience for games, music and movies. MAGIX Multimedia Suite The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. .



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