

Desktop PC Desktop

Configuration Number: BASE CONFIG
SL-DK-AZ590I-IC



Type:

- Desktop PC
- Dimension: 8.60" x 3.30" x 9.60"

Motherboard:

- Featuring Intel Z590 Chipset and 10th/11th Gen Core i7/i5/i3 (LGA1200) processor
- **No Available Slots**
- **LAN:** 1x Ports (2.5 Gigabit 10/100/1000/2500 Mb/s)
- **WiFi:** Killer AX1675x 802.11ax Wi-Fi 6E Module
- **Video:** DisplayPort + HDMI
- **Audio:** 7.1 CH HD Audio (Realtek ALC1220 Audio Codec)
- **Ports:**
 - 2x USB 2.0 Ports (2 Internal Headers)
 - 2x USB 3.2 Gen 1 Ports (2 Front)
 - 5x USB 3.2 Gen 2 Ports (5 Rear)
 - 1x Thunderbolt™ 4 (supports USB 4.0) Type-C Port (Rear)
 - 1x Front Audio Port
 - See specifications for more ports
- **Operating Temperature:** 5°C to 50°C (41°F to 122°F)

Configuration summary:

- **Processor:** G5905- 3.50GHz Intel Celeron CPU - Dual Core, 4MB Cache, UHD Graphics 610 (58W)
- **Memory:** 8GB DDR4 3200MHz RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 150W 80 PLUS Bronze Adapter Included

- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MiniITX

Supported CPU

- Number of Processors: 1
- Processor Type: 10th/11th Gen Core i7/i5/i3 (LGA1200)

Chipset

- Chipset: Intel Z590 Chipset

Memory

- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 2
- Maximum Memory: 64GB

On Board Audio

- Audio Type: 7.1 CH HD Audio (Realtek ALC1220 Audio Codec)

On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: DisplayPort + HDMI
- Display Port Out: 1
- HDMI Out: 1

LAN

- LAN Ports: 1
- LAN Type: 2.5 Gigabit 10/100/1000/2500 Mb/s
- LAN Chipset: Killer E3100G
- Wireless LAN: Killer AX1675x 802.11ax Wi-Fi 6E Module

Drive Interface

- SATA III Ports (6GB): 3
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

- PCI Express x16 Slots On Motherboard: 1

Chassis Specifications:

General

- Form Factor: Desktop PC
- Color: Black & Silver
- Material: Metal/Aluminum
- Material Thickness: 1mm
- Motherboard Compatibility: Mini ITX

Expansion

- Internal 2.5" Bays: 2

Front Ports

- USB 3.2 Ports (Front): 2
- Front Audio Ports: 1

Physical

- Depth: 8.60"
- Depth (Inches): 8.66
- Width: 3.30"
- Height: 9.60"
- Shipping Box - Depth: 10.80"
- Shipping Box - Width: 4.70"
- Shipping Box - Height: 10.90"
- Shipping Weight: 10lbs

Other Features

- Chassis Warranty: 1 Year

Power

- Built-in Chassis Power Supply: 150W 80 PLUS Bronze Adapter Included

M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- PCIe Signal
- 2280 - 22 mm x 80 mm.
- M.2 Slot #2 Specs
- M.2 SATA SSD
- PCIe Signal
- 2280 - 22 mm x 80 mm.

Rear IO

- USB 3.2 Gen 2 Type A Ports (on IO): 5
- Thunderbolt™ 4 (supports USB 4.0) Type-C Port: 1
- SPDIF Connector: 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 3
- Audio on Headers
- Chassis Intrusion

Environmental

- Operating Temperature: 5°C to 50°C (41°F to 122°F)
- High Humidity: 90%
- Low Humidity: 5%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Value 2019 LTSC
- Windows 10 IoT Ent 2019 LTSC
- Windows 10 IoT 2021 LTSC Value
- Windows 10 IoT 2021 LTSC High End
- Windows 11 Home (64 Bit)
- Windows 11 Pro (64 Bit)
- Windows 11 Pro for WS (64 Bit)
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

Compliance of Component

- CE
- FCC

Other Features

- Features:
Note:

*Wi-Fi 6E (6GHz band) is not currently enabled by

default due to the different regulation status of each country. It will be activated (for supported countries) through Windows Update and software update once available. The update is expected to be in the middle of 2021.

* Access to PCI Express slot requires expansion slot and a riser in some chassis models. Please check Chassis Specification section for more information.

If you have any questions, please discuss with our Sales Engineers.

- Motherboard Warranty: 1 Year



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