

# Desktop PC Desktop

Configuration Number: BASE CONFIG

SL-DK-AX299WS-FW













# Please call for availability.

# Type:

- Desktop PC
- Dimension: 547mm x 240mm x 475mm

# Motherboard:

- Featuring Intel X299 Chipset and Intel Core™ X-series Processors (FCLGA2066) processor
- Full Height Slots:
  - 7 PCle x16
- LAN: 2x Ports (1GbE + 1GbE)
- RAID: 0,1,5,10Video: None
- Audio: 8-Channel High Definition Audio
  - CODEC Realtek ALC S1220A
- Ports:
  - 4x USB 2.0 Ports (4 Rear)
  - 8x USB 3.2 Gen 1 Ports ( 2 Front, 6 Rear )
  - 1x USB 3.2 Gen 2 Port (1 Rear)
  - 2x USB 3.2 Gen 2 Type-C Ports ( 1 Rear, 1
  - Internal Headers )
  - 1x COM Port (RS232 Internal Headers)
  - See specifications for more ports
- Operating Temperature: 10°C to 35°C (50°F to 95°F)

# Configuration summary:

- Processor: i9-10900X 3.7GHz (up to 4.5GHz) Intel Deca (10) Core CPU -19.25MB Cache, No Onboard Graphics (165W)
- Memory: 4 x 8GB DDR4 3200MHz RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD or greater

- Power Supply: 550W Fully Modular ATX
  - Power Supply 80+ Bronze
- Operating System: Not Included -Warranty: One-Year Depot Warranty

# **Technical Specifications**

# MotherBoard Specifications:

# General

#### **Motherboard Model**

Motherboard Type: SSI CEB

#### **Supported CPU**

- Number of Processors: 1
- Processor Type: Intel Core<sup>™</sup> X-series Processors ( FCLGA2066)

#### Chipset

• Chipset: Intel X299 Chipset

## Memory

- Memory Type: DDR4 2666MHz
- Memory Type: Non-ECC
- DIMMS: 8
- Maximum Memory: 128GB

#### **On Board Audio**

 Audio Type: 8-Channel High Definition Audio CODEC Realtek ALC S1220A

## **On Board Video**

- Video Chipset: Supported by CPU depends on CPU selected
- Video on IO: None

#### LAN

- LAN Ports: 2
- LAN Type: 1GbE + 1GbELAN Chipset: Intel i210AT
- Second LAN Chipset: Intel i219LM
- Wireless LAN: No Integrated WLAN

#### **Drive Interface**

- SATA III Ports (6GB): 8
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

## **Expansion Slots**

• Form Factor: Full Tower

Chassis Specifications:

• Front Facing I/O

• Front Changeable Air Filter

• Color: Black

Material: Metal/SteelMaterial Thickness: 1mm

• Motherboard Compatibility: E-ATX

#### **Expansion**

- Full Height Slots: 7
- Max Card Depth: Storage layout: 315 mm Open layout: 491 mm (467 mm w/ front fan)"

• External 5.25" Bays: 1

• Internal 3.5" Bays: 6

• Internal 2.5" Bays: 2

#### **Front Ports**

- USB 3.2 Ports (Front): 5
- Front Audio Ports: 1

# **Cooling System**

- Maximum Fan Count: 9
- Included Fans: 4

# **Physical**

- Depth: 547mm
- Depth (Inches): 21.5
- Width: 240mm
- Height: 475mm
- Shipping Box Depth: 558mm
- Shipping Box Width: 363mm
- Shipping Box Height: 641mm
- Shipping Weight: 36lbs

### **Other Features**

• Chassis Warranty: 1 Year

• PCI Express x16 Slots On Motherboard: 7

#### M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- PCIe Signal
- 22110 22 mm x 110 mm.
- 2242 22 mm x 42 mm.
- 2260 22 mm x 60 mm.
- 2280 22 mm x 80 mm.
- M.2 Slot #2 Specs
- PCle Signal
- 2242 22 mm x 42 mm.
- 2260 22 mm x 60 mm.
- 2280 22 mm x 80 mm.

#### Rear IO

- USB 2.0 Ports (on IO): 4
- USB 3.2 Gen 1 Type A Ports (on IO): 6
- USB 3.2 Gen 2 Type A Ports (on IO): 1
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- SPDIF Connector: 1
- Audio on IO

#### **Headers**

- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.2 Gen 2 Type-C (on Headers): 1
- Thunderbolt 3 via Header: 1
- Serial (via Headers): 1
- FAN Connectors: 4
- TPM Support: Via 2.0 Header

# **Environmental**

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 20%

## **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
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

## **Compliance of Component**

- RoHS
- FCC

#### **Other Features**

• Features:

7 x PCle 3.0/2.0 x16 (single x16 or dual x16/x16

or triple x16/x16/x16 or quad x16/x16/x16/x16 or seven x16/x8/x8/x8/x8/x8/x8)

PCIe speed may vary due to processor's limitation. Please check processor's specs for # of PCIe Lanes.

Supports NVIDIA® 4-Way SLI™ Technology Supports AMD 4-Way CrossFireX Technology

• Motherboard Warranty: 1 Year



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