

## Desktop PC Desktop

Configuration Number: BASE CONFIG

SL-DK-WS-C246SCZM-FD













## Type:

- Desktop PC
- Dimension: 410mm x 175mm x 358mm

## Motherboard:

- Featuring Intel C246 Chipset and Xeon E-2100 (LGA1151, 8th & 9th Gen 'Coffee Lake') processor
- Long Production Cycle Motherboard (Through Q3 2025)
- Full Height Slots:
  - 1 PCle x16
  - 2 PCle x8
- **LAN:** 2x Ports (1GbE + 1GbE)
- **RAID:** 0,1,5,10
- Video: 1x VGA, 1x DVI-I, 1x DisplayPort
- Audio: Realtek ALC888S HD Audio
- Ports:

6x USB 2.0 Ports ( 1 Front, 5 Internal Headers )

2x USB 3.2 Gen 1 Ports (1 Front, 1 Internal Headers)

3x USB 3.2 Gen 2 Ports ( 3 Rear )

2x USB 3.2 Gen 2 Type-C Ports ( 1 Rear, 1 Internal Headers )

4x COM Ports (RS232 Internal Headers) See specifications for more ports

• Operating Temperature: 10°C to 35°C (50°F to 95°F)

## Configuration summary:

- Processor: G4900 3.1GHz Intel Celeron CPU - Dual Core, 2MB Cache, UHD Graphics 610 (54W) (ERM) - or Better
- **Memory:** 8GB DDR4 3200MHz RAM
- Hard Drive: 500GB M.2 2280 NVMe SSD

or greater 5,000/3,000MB/s

• Power Supply: 550W Fully Modular ATX

Power Supply - 80+ Bronze

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

# **Technical Specifications**

## MotherBoard Specifications:

#### **Motherboard Model**

• Motherboard Type: MicroATX

Long Production Cycle

Long Life: YESEOL Date: Q3 2025

#### Supported CPU

• Number of Processors: 1

 Processor Type: Xeon E-2100 (LGA1151, 8th & 9th Gen 'Coffee Lake')

#### Chipset

• Chipset: Intel C246 Chipset

#### **Memory**

• Memory Type: DDR4 2666MHz ECCU

• Memory Type: ECC Unbuffered

• DIMMS: 4

• Maximum Memory: 128GB

#### **On Board Audio**

• Audio Type: Realtek ALC888S HD Audio

## **On Board Video**

 Video Chipset: Supported by CPU - depends on CPU selected

• Video on IO: 1x VGA, 1x DVI-I, 1x DisplayPort

VGA Port Out: 1DVI-I Out: 1

• Display Port Out: 2

## LAN

• LAN Ports: 2

LAN Type: 1GbE + 1GbELAN Chipset: Intel i210AT

Second LAN Chipset: Intel i219LM
Wireless LAN: No Integrated WLAN

#### **Drive Interface**

## Chassis Specifications:

#### **General**

• Form Factor: Desktop PC

• Color: Black

Material: Steel & PlasticMaterial Thickness: 1mm

• Motherboard Compatibility: Micro ATX

• Slide Rails: Optional

#### **Expansion**

• Full Height Slots: 4

• Max Card Depth: 350 mm in length"

External 5.25" Bays: 2Internal 3.5" Bays: 2Internal 2.5" Bays: 3

#### **Front Ports**

USB 2.0 Ports (Front): 1USB 3.2 Ports (Front): 1Front Audio Ports: 1

## **Cooling System**

• Maximum Fan Count: 3

• Included Fans: 1

## **Physical**

Depth: 410mmWidth: 175mmHeight: 358mm

Shipping Box - Depth: 420mmShipping Box - Width: 235mmShipping Box - Height: 485mm

• Shipping Weight: 11lbs

#### **Other Features**

• Chassis Warranty: 1 Year

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

## **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 1
- PCI Express x8 Slots On Motherboard: 2

#### M.2 Slot Specs

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCle Signal
- 22110 22 mm x 110 mm.
- 2280 22 mm x 80 mm.

#### Rear IO

- USB 3.2 Gen 2 Type A Ports (on IO): 3
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- Audio on IO

#### **Headers**

- USB 2.0 Ports (on Headers): 6
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.2 Gen 2 Type-C (on Headers): 1
- Serial (via Headers): 4
- FAN Connectors: 6
- Chassis Intrusion
- TPM Support: Via 2.0 Header

## **Management Features**

Watch Dog

## **Environmental**

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

## **Operating System Support**

- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- Windows 10 IoT Value
- Windows 10 IoT Ent
- 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 Server 2016 STD
- Windows Server 2019 Std

- RED HAT Enterprise LINUX WORKSTATION **STANDARD**
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- LINUX Ubuntu Desktop
- Ubuntu Server Edition

## **Compliance of Component**

- CE
- RoHS
- FCC

#### **Other Features**

- Other Features:
  - 1 PCI-E 3.0 x16 Slot
  - 2 PCI-E 3.0 x8 Slot running at x4 speed
  - 1 M.2 M-Key SATA/PCI-E 3.0 x4, 2280/22110
  - \* 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



www.superlogics.com sales@superlogics.com Phone: 1-508-650-9500

Fax: 1-508-650-9525