

Desktop PC Desktop

Configuration Number: BASE CONFIG
SL-DK-LLQ670E-ID



(Not all images available on web site)

Type:

- Desktop PC
- Dimension: 10.80" x 5.50" x 12.70"

Motherboard:

- Featuring Intel Q670 Chipset and 14th/13th/12th Gen Intel Core™ i9/i7/i5/i3 processor
- **Long Production Cycle Motherboard (Through Q1 2029)**
- **Full Height Slots:**
 - 2 - PCIe x16
 - 2 - PCIe x4
- **LAN:** 3x Ports (2.5GbE + 2.5GbE + 1GbE)
- **RAID:** 0,1,5,10 and NVMe 0,1
- **Video:** 4x DisplayPort
- **Audio:** Realtek ALC897
- **Ports:**
 - 4x USB 2.0 Ports (4 Front)
 - 4x USB 3.2 Gen 1 Ports (2 Rear, 2 Internal Headers)
 - 3x USB 3.2 Gen 2 Ports (3 Rear)
 - 1x USB 3.2 Gen 2 Type-C Port (1 Rear)
 - 10x COM Ports (9 RS232 Internal Headers, 1 RS232/422/485 Rear)
 - 1x Front Audio Port
- See specifications for more ports
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

Configuration summary:

- **Processor:** G7400 - 3.70GHz Intel Pentium Gold CPU - Dual Core, 6MB Cache, UHD Graphics 710 (Base 46W) (ERM)
- **Memory:** 16GB DDR5 4800MHz RAM

Non-ECC Unbuffered DIMM

- **Hard Drive:** 500GB M.2 2280 NVMe SSD or greater 5,000/3,000MB/s
- **Power Supply:** 300 Watt Power Supply
- **Operating System:** Not Included -
- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: MicroATX
- Long Production Cycle
- Long Life: YES
- EOL Date: Q1 2029

Supported CPU

- Number of Processors: 1
- Processor Type: 14th/13th/12th Gen Intel Core™ i9/i7/i5/i3

Chipset

- Chipset: Intel Q670 Chipset

Memory

- Memory Type: DDR5 4800MHz
- Memory Type: Non-ECC
- DIMMS: 4
- Maximum Memory: 128GB

On Board Audio

- Audio Type: Realtek ALC897

On Board Video

- Video Chipset: Supported by CPU - depends on CPU selected
- Video on IO: 4x DisplayPort
- Display Port Out: 4

LAN

- LAN Ports: 3
- LAN Type: 2.5GbE + 2.5GbE + 1GbE
- LAN Chipset: Intel i226-V 2.5GbE Ethernet
- Second LAN Chipset: Intel i226-LM 2.5GbE Ethernet
- Third LAN Chipset: Intel i210AT
- Wireless LAN: No Integrated WLAN

Chassis Specifications:

General

- Form Factor: Mini Tower
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: Micro ATX

Expansion

- Full Height Slots: 4
- Max Card Depth: 9.5 inches"
- External 5.25" Bays: 1
- Internal 3.5" Bays: 1
- External 3.5" Bays: 1

Front Ports

- USB 2.0 Ports (Front): 4
- Front Audio Ports: 1

Physical

- Depth: 10.80"
- Depth (Inches): 10.8
- Width: 5.50"
- Height: 12.70"
- Shipping Box - Depth: 23"
- Shipping Box - Width: 23"
- Shipping Box - Height: 15"
- Shipping Weight: 24lbs

Compliance of Component

- CE
- RoHS
- FCC

Other Features

- Chassis Warranty: 1 Year

Power

- Built-in Chassis Power Supply: 300 Watt Power

Drive Interface

- SATA III Ports (6GB): 7

Expansion Slots

- PCI Express x16 Slots On Motherboard: 2
- PCI Express x4 Slots On Motherboard: 2

M.2 Slot Specs

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

Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 2
- USB 3.2 Gen 2 Type A Ports (on IO): 3
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- Serial 232/422/485 Ports: 1
- Audio on IO

Headers

- USB 2.0 Ports (on Headers): 4
- USB 3.2 Gen 1 Ports (on Headers): 2
- USB 3.0 Type A Internal: 1
- Serial (via Headers): 9
- FAN Connectors: 4
- Digital I/O (8 Bit) On Headers
- Audio on Headers
- Chassis Intrusion
- TPM Support: Via 2.0 Header

Management Features

- Watch Dog

Environmental

- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- High Humidity: 95%
- Low Humidity: 10%

Operating System Support

- Windows 10 Home (64 Bit)
- Windows 10 Pro (64-Bit)
- SL-Windows 11PRO to 10PRO 64bit
- 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)
- Windows 11 IoT 2024 LTSC Value

- Windows 11 IoT 2024 LTSC High End
- 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
- FCC

Other Features

- Features:

PCIe Expansion Slots

1x PCIe 5.0 x16 Slot 1 x16 mode/ 2 x8 mode)

1x PCIe 4.0 x4 Slot (x4 mode)

1x PCIe 5.0 x16 Slot (x8 mode)

1x PCIe 4.0 x4 Slot (x4 mode)

1x M.2 E key, Type 2230 for WIFI/BT device
(PCIex1 & USB2.0&CNVI)

1x M.2 M key, Type 2242/2260/2280 (PCIex4
/SATAmode) supports NVMe

- Motherboard Warranty: 1 Year



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