

## PRIME J4005I-C

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**Memory** 2 x U-DIMM, Max. 8GB, DDR4 2400/2133 MHz Non-ECC, Unbuffered Memory \*1

Dual Channel Memory Architecture

\* Refer to [www.asus.com](http://www.asus.com) for the Memory QVL (Qualified Vendors Lists).

**Graphic** Integrated Graphics Processor

Multi-VGA output support : HDMI/RGB/LVDS ports

- Supports HDMI with max. resolution 4096 x 2304 @ 24 Hz

- Supports LVDS with max. resolution 1920 x 1200 @ 60 Hz

- Supports RGB with max. resolution 1920 x 1200 @ 60 Hz

Maximum shared memory of 512 MB (for iGPU exclusively)

Supports up to 3 displays simultaneously

**Storage** 1 x M.2 Socket 3, , with M Key, type 2260/2280 storage devices support (PCIe mode)

2 x SATA 6Gb/s port(s),

**LAN** Realtek® RTL8111H, 1 x Gigabit LAN Controller(s)

**Audio** Realtek® ALC887-VD2 8-Channel High Definition Audio CODEC \*2

- Supports : Jack-detection, Front Panel Jack-retasking

**USB Ports** **Built-in Controller :**

4 x USB 3.1 Gen 1 port(s) (2 at back panel, , 2 at mid-board)

**Built-in Controller :**

2 x USB 2.0 port(s) (2 at back panel, )

**GL852G USB Hub :**

4 x USB port(s) (4 at mid-board)

**Special Features** **ASUS 5X Protection II :**

- ASUS LANGuard - 2.5X higher surge tolerance

- ASUS Overvoltage Protection - World-class circuit-protecting power design

- ASUS DRAM Overcurrent Protection - Prevents damage from short circuits

Need Help?

- ASUS Stainless-Steel Back I/O - 3X corrosion-resistance for greater durability

- ASUS ESD Guards - Electrostatic discharge protection

**ASUS Exclusive Features :**

- AI Suite 3

- Ai Charger

**ASUS Quiet Thermal Solution :**

- Stylish Fanless Design Heat-sink solution

**ASUS EZ DIY :**

- ASUS EZ Flash 3

- ASUS MyLogo 2

- ASUS UEFI BIOS EZ Mode

**ASUS Q-Design :**

- ASUS Q-DIMM

**Operating System Support** Windows® 10 64-bit  
Linux

**Back I/O Ports** 1 x PS/2 keyboard (purple)

1 x PS/2 mouse (green)

1 x D-Sub

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.1 Gen 1 ,

2 x USB 2.0

1 x COM port(s)

3 x Audio jack(s)

**Internal I/O Ports** 2 x USB 3.1 Gen 1 (up to 5Gbps) connector(s)

support(s) additional 4 USB 3.1 Gen 1 port(s)

1 x USB 2.0 connector(s) support(s) additional 2 USB 2.0 port(s)

1 x M.2 Socket 1 with E Key, type 2230 WiFi/BT devices support or

PCIe/USB mode

1 x M.2 Socket 3 with M key, type 2260/2280 storage devices support (PCIe

x 2 mode)

1 x LPT header

1 x COM port(s) connector(s)

2 x SATA 6Gb/s connector(s)

1 x Chassis Fan connector(s) (1 x 4 -pin)

1 x S/PDIF out header(s)

1 x 24-pin EATX Power connector(s)

1 x 4-pin ATX 12V Power connector(s)

1 x Front panel audio connector(s) (AAFP)

1 x Chassis Intrusion connector(s)

1 x Clear CMOS jumper(s)

1 x Panel off header

1 x LVDS connector(s)

1 x System panel connector

1 x Flat panel display brightness connector

1 x Display panel VCC power selector  
1 x Speaker connector

### **Accessories** User's manual

I/O Shield

2 x SATA 6Gb/s cable(s)

2 x M.2 Screw Package

**BIOS** 128 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 3.0, ACPI 6.0, Multi-language BIOS, ASUS EZ Flash 3, My Favorites, Quick Note, Last Modified log, F12 PrintScreen, F3 Shortcut functions and ASUS DRAM SPD (Serial Presence Detect) memory information, ErP ready

**Manageability** WfM 2.0, DMI 2.0, WOL by PME, PXE

### **Support Disc** Drivers

ASUS Utilities

EZ Update

Anti-virus software (OEM version)

### **Form Factor** Thin Mini ITX Form Factor

6.7 inch x 6.7 inch ( 17 cm x 17 cm )

**Note**\*1 We recommend that you use 8GB or less memory modules.

\*2 Use a chassis with HD audio module in the front panel to support an 8-channel audio output



- All specifications are subject to change without notice. Please check with your supplier for exact offers. Produ
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in muni

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