Model	PRIME X670E-PRO WIFI
CPU	AMD Socket AM5 for AMD Ryzen™ 7000 Series Desktop Processors* * Refer to www.asus.com for CPU support list.
Chipset	AMD X670
Memory	4 x DIMM, Max. 128GB, DDR5 6400+(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200/ 5000/ 4800 ECC & Non-ECC, Un-buffered Memory* Dual Channel Memory Architecture Supports AMD Extended Profiles for Overclocking (EXPO™) OptiMem II * Supported memory types, data rate(Speed), and number of DRAM module vary depending on the CPU and memory configuration, for more information refer to www.asus.com for memory support list. ** Non-ECC, Un-buffered DDR5 Memroy supports On-Die ECC function.
Graphics	1 x DisplayPort** 1 x HDMI® port*** * Graphics specifications may vary between CPU types. ** Supports max. 8K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI 2.1.
Expansion Slots	**AMD Ryzen™ 7000 Series Desktop Processors*** -1 x PCIe 5.0 x16 slot **AMD X670 Chipset** -1 x PCIe 4.0 x16 slot (supports x4 mode) -1 x PCIe 4.0 x4 slots * Please check PCIe bifurcation table at https://www.asus.com/support/FAQ/1037507/.
Storage	**Total supports 4 x M.2 slots and 4 x SATA 6Gb/s ports*** **AMD Ryzen™ 7000 Series Desktop Processors** M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode) M.2_3 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) **AMD X670 Chipset** M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 3.0 x4 & SATA modes)** M.2_4 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) 4 x SATA 6Gb/s ports *AMD RAID Xpert Technology supports both NVMe RAID 0/1/10 and SATA RAID 0/1/10. ** M.2_2 slot shares bandwidth with SATA6G_1&2. When M.2_2 runs at PCIe x4 mode, SATA6G_1&2 will be disabled.
Ethernet	1 x Realtek 2.5Gb Ethernet ASUS LANGuard
Wireless & Bluetooth	Wi-Fi 6E 2x2 Wi-Fi 6E (802.11 a/b/g/n/ac/ax) Supports 2.4/5/6GHz frequency band* Bluetooth v5.2

USB	**Rear USB (Total 10 ports)**
	1 x USB 3.2 Gen 2x2 port (1 x USB Type-C°)
	4 x USB 3.2 Gen 2 ports (3 x Type-A + 1 x USB Type-C°)
	5 x USB 3.2 Gen 1 ports (4 x Type-A + 1 x USB Type-C°)
	Front USB (Total 9 ports)
	1 x USB 3.2 Gen 2 connector (supports USB Type-C°)
	1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
	3 x USB 2.0 headers support additional 6 USB 2.0 ports

Audio	**Realtek S1220A 7.1 Surround Sound High Definition Audio CODEC***
	- Impedance sense for front and rear headphone outputs
	- Internal audio Amplifier to enhance the highest quality sound for headphone and speakers
	- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking
	- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in)
	- Supports up to 32-Bit/192 kHz playback*
	Audio Features
	- Power pre-regulator reduces power input noise to ensure consistent performance
	- Premium audio capacitors
	- Dedicated audio PCB layers
	- Audio cover
	- Unique de-pop circuit
	* Due to limitations in HDA bandwidth, 32-Bit/192 kHz is not supported for 7.1 Surround Sound audio.

Back Panel I/O Ports	1 x USB 3.2 Gen 2x2 port (1 x USB Type-C°)
	4 x USB 3.2 Gen 2 ports (3 x Type-A, 1 x USB Type-C°)
	5 x USB 3.2 Gen 1 ports (4 x Type-A, 1 x USB Type-C®)
	1 x DisplayPort
	1 x HDMI° port
	1 x Wi-Fi Module
	1 x Realtek 2.5Gb Ethernet port
	5 x Audio jacks
	1 x BIOS FlashBack™ button

Internal I/O Connectors	**Fan and Cooling related**
	1 x 4-pin CPU Fan header
	1 x 4-pin CPU OPT Fan header
	1 x 4-pin AIO Pump header
	4 x 4-pin Chassis Fan headers
	1 x W_PUMP+ header
	Power related
	1 x 24-pin Main Power connector
	2 x 8-pin +12V Power connectors
	Storage related
	4 x M.2 slots (Key M)
	4 x SATA 6Gb/s ports
	USB
	1 x USB 3.2 Gen 2 connector (supports USB Type-C°)
	1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
	3 x USB 2.0 headers support additional 6 USB 2.0 ports
	Miscellaneous
	2 x Addressable Gen 2 headers
	1 x AURA RGB header
	1 x Clear CMOS button
	1 x COM Port header
	1 x CPU Over Voltage jumper
	1 x Front Panel Audio header (AAFP)
	1 x Power button
	1 x SPI TPM header (14-1pin)
	1 x 20-3 pin System Panel header with Chassis intrude function
	1 x Thermal Sensor header
	1 x Thunderbolt™ header

Special Features	**ASUS 5X PROTECTION III**
	- DIGI+ VRM (- Digital power design with DrMOS)
	- ESD Guards
	- LANGuard
	- Overvoltage Protection
	- Safeslot Core+
	- Stainless-Steel Back I/O
	ASUS Q-Design
	- M.2 Q-Latch
	- PCIe Slot Q-Release
	- Q-Connector
	- Q-DIMM
	- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
	- Q-Slot
	ASUS Thermal Solution
	- M.2 heatsink
	- VRM heatsink design
	ASUS EZ DIY
	- BIOS FlashBack™ button
	- BIOS FlashBack™ LED
	- Clear CMOS button
	- ProCool
	- Pre-mounted I/O shield
	- SafeSlot
	- SafeDIMM
	AURA Sync
	- AURA RGB header
	- Addressable Gen 2 headers
Software Features	**ASUS Exclusive Software**
	Armoury Crate
	- AURA Sync
	- Fan Xpert 4 (with AI Cooling II)
	- Power Saving
	- Two-Way AI Noise Cancelation
	AI Suite 3
	- Easy Optimization
	- TPU
	- DIGI+ VRM
	- Turbo app
	- PC Cleaner
	ASUS CPU-Z
	DTS:X® Ultra
	MyAsus
	Norton Anti-virus software (Free Trial version)
	WinRAR
	UEFI BIOS
	ASUS EZ DIY
	- ASUS CrashFree BIOS 3
	- ASUS EZ Flash 3
	- ASUS UEFI BIOS EZ Mode
	FlexKey
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE

Accessories

Cables
2 x SATA 6Gb/s cables
Miscellaneous
1 x ASUS Wi-Fi moving antenna
2 x Rubber packages for M.2
2 x Screw packages for M.2 SSD
1 x Q-connector
Documentation
1 x User guide

Operating System

Windows® 11 64-bit, Windows® 10 64-bit

Form Factor

ATX Form Factor
12 inch x 9.6 inch (30.5 cm x 24.4 cm)