

The Forge RTX -i5 by Chip PC Technologies is a powerhouse mini PC designed for gamers. Encased in a robust black aluminum alloy with advanced cooling, it ensures top-tier performance and stability.

## Key Features:

- Potent Performance: Intel® Core™ i5-14400F processor with 6 cores, 12 threads, and Turbo Boost up to 4.70 GHz for responsive gaming.
- Superior Graphics: Nvidia RTX4060 8G graphics card supports up to 4 displays with 4K@60Hz HDR resolution.
- Flexible Memory: 2 SO-DIMM DDR5 slots supporting up to 64GB RAM.
- Extensive Storage: 1TB M.2 SATA/NVME SSD (expandable to over 4TB), additional M.2 and SATA slots for more storage.
- High-Fidelity Audio: ALC892 audio chip with digital optical interface for immersive sound.
- Robust Connectivity: 2 RJ45 Intel Giga LAN ports, Wi-Fi 6, Bluetooth 5.2, and multiple USB ports.
- Comprehensive I/O: 4 USB2.0, 4 USB 3.0, 2 HDMI 2.1, 2 DP 1.4, audio output, and optical output.
- Durable Design: Compact and sturdy, 270 mm x 215 mm x 55 mm, 2.5 kg, with 4 mounting holes.
- Efficient Cooling: Dual fan setup for optimal temperature control.

## Gaming-Optimized:

- Display and Connectivity: DP up to 4096x2160@60Hz, HDMI up to 4096x2160@60Hz, supports multiple high-resolution displays.
- Power Input: 100~240VAC@50/60HZ
- Power Output: 19VDC/19.5A
- Warranty: Three-year hardware warranty



# DataSheet :FORGE RTX4060-i5

<b>Processor</b>	Intel® Core™ i5 processor 14400F 20M Cache, up to 4.70 GHz
<b>GPU</b>	Nvidia Geforce RTX4060 8G GDDR6
<b>Operating System</b>	Windows 11 Pro
<b>Storage</b>	1TB M.2 SATA/NVME expandable to over 2TB 1 x M.2 2280 Nvme PCIe 4.0 /NGFF, up to 2TB and support to add double 2.5" SATA hard drive
	32 GB RAM Up to 64GB RAM DDR5 2 x SO-DIMM RAM DDR5 5600 slot, Max support 64GB
<b>Input / Output ports</b>	Front Panel 1 x Power Button 4 x USB3.0
	Rear Panel 2 x RJ45 Gigabit LAN port 4 x USB3.2 2x DP 1.4 2 x HDMI 2.0 1 x DC IN 1 x Optical Port
<b>Resolution</b>	DP - Up to 8K @60Hz HDMI - Up to 8K @60Hz
<b>Fiber Optic Interface</b>	Support 7.1 surround sound speaker
<b>Audio</b>	Headphone/microphone mini-jack
<b>Network</b>	Dual RJ45 : 10:100:1000 Intel® WiFi 6 (802.11ax)- Dual Band: 2.4GHz+5GHz & Bluetooth Version 5.2
<b>Environment</b>	Temperature range: Operating - 0°C to 40°C (32°F to 104°F) Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage - 10 to 90% non condensing Altitude: 0 to 20,000 ft
<b>Dimensions</b>	270*215*55mm
<b>weight</b>	2500gr
<b>Power</b>	Device input: 100~240VAC@50/60HZ Device Output: 19VDC/19.5A external power adapter
<b>Warranty</b>	Three-year hardware warranty

## FRONT SIDE VIEW

1	Power button, power LED
2	4x USB3.0



## REAR SIDE VIEW

1	2x DP
2	2 x HDMI 2.0
3	4x USB3.0
4	2 x RJ45
5	1 x Optical
6	Audio



Model	UPC	Operating System	Part#	Model / Description
WQI5RTX6W	818391008624	Windows 11 PRO	CPN07422	Forge Computer (no display/kbd/mouse) WQI5RTX6W Windows 11 Pro Onboard Intel Core i5-14400F + Nvidia RTX4060 Discrete , 1T0 /32GB RAM DDR5 -5600, 4 x USB 3.0, 4 x USB 2.0,2 x HDMI 2.1 8K@60H , 2 x DP1.4 8K@60Hz ,2 x RJ45 Intel i225V 2.5G, 1 x Wifi 6 & BT 5.2 ,RoHS,Power Supply