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TECHNOLOGIES

The Forge RTX -i7 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™ i7-14700F 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

Windows 11 | GEFORCE RTX 4060 | intel CORE i7

DataSheet : FORGE RTX4060-i7

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Processor	Intel® Core™ i7 processor 14700F 33M Cache, up to 5.40 GHz
GPU	Nvidia Geforce RTX4060 8G GDDR6
Operating System	Windows 11 Pro
Storage	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

Input / Output ports

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

Resolution	DP - Up to 8K @60Hz HDMI - Up to 8K @60Hz
Fiber Optic Interface	Support 7.1 surround sound speaker
Audio	Headphone/microphone mini-jack
Network	Dual RJ45 : 10:100:1000 Intel® WiFi 6 (802.11ax)- Dual Band: 2.4GHz+5GHz & Bluetooth Version 5.2
Environment	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
Dimensions	270*215*55mm
weight	2500gr
Power	Device input: 100～240VAC@50/60HZ Device Output: 19VDC/19.5A external power adapter
Warranty	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
WQI7RTX6W	818391008631	Windows 11 PRO	CPN07423	Forge Computer gaming (no display/kbd/mouse) WQI7RTX6W Windows 11 Pro Onboard Intel Core i7-14700F + Nvidia RTX4060 Discrete , 1T0 /32GB RAM, 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 , 1 x Wifi 6 & BT 5.2 ,RoHS,Power Supply

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