BLACK COPPER®
Upgrades network

Black Copper NUC i5 11th Gen Mini PC

A Leap Forward in Business Performance

With 11th Gen Intel® Core™ processors and Intel® Iris® X^e graphics, businesses get breakthrough performance for the edge, collaboration, and productivity

intel CORE i5

intel iRISxe GRAPHICS

Features

- Intel® Core™ i5 11th Gen processors
- Select SKUs feature Intel vPro® technology
- Intel® Iris® X^e graphics or Intel® UHD graphics
- *16GB of ultra-fast dual-channel DDR4-3200 memory*
- Intel® i225-LM Ethernet for speeds up to 2.5 Gbps and best-in-class Intel® Wi-Fi 6 AX2011
- Up to quad extended displays via dual HDMI with built-in CEC per port, and dual DisplayPort via Thunderbolt™ ports
- *512GB NVMe SSD*
- Display emulation of HDMI ports for headless and remote virtual display, as well as persistent display emulation capability
- Tolerates 0-40° C external ambient operating temperature
- Tall SKU available with 2nd Ethernet port (Intel® i225-LM) and 2 additional USB 2.0 ports

Ideal for

Productivity
business computing, home office, etc.

Collaboration
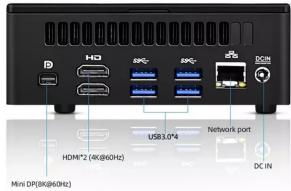video conferencing, huddle rooms, etc.

Edge compute
digital signage, digital kiosks, intelligent vending, edge appliances, etc.

Connect up to **one 8K or four 4K displays**

Qualified for **24/7 operation**

On/off
LED*2
TYPE-C
USB2.0*2
Microphone
Speaker

Mini DP(8K@60Hz)
HDMI*2 (4K@60Hz)
USB3.0*4
Network port
DC IN

Specification

Essential

Product Collection	11th Generation Intel® Core™ i5 Processors
Code Name	Products formerly Tiger Lake
Vertical Segment	Mobile
Processor Number	i5-1135G7

CPU

Total Cores	4
Total Threads	8
Max Turbo Frequency	4.20 GHz
Cache	8 MB Intel® Smart Cache
Bus Speed	4 GT/s
Configurable TDP-up Base Frequency	2.40 GHz
Configurable TDP-up	28 W
Configurable TDP-down Base Frequency	900 MHz
Configurable TDP-down	12 W

Memory

Memory Size	16 GB
Memory Types	DDR4-3200, LPDDR4x-4267
Max # of Memory Channels	2
ECC Memory Supported	No

Processor Graphics

Processor Graphics	Intel® Iris® Xe Graphics
Graphics Max Dynamic Frequency	1.30 GHz
Graphics Output	eDP 1.4b, MIPI-DSI 2.0, DP 1.4, HDMI 2.0b
Intel® Quick Sync Video	Yes
Intel® Clear Video HD Technology	Yes

Expansion Options

Intel® Thunderbolt™	4 Yes
Microprocessor PCIe Revision	Gen 4
Chipset / PCH PCIe Revision	Gen 3