Tiger Canyon Dual Display i7 – Slim Chassis

A leap forward in Business Performance

Boundary-breaking performance is available with the latest 11th Gen Intel® Core™ i7 processors with Iris® XE graphics and support for high-speed DDR4-3200 memory. Whether you're creating a digital kiosk, deploying intelligent vending, or refreshing enterprise PCs, Tiger Canyon Dual Display can get the job done easily. Tiger Canyon Dual Display SKUs also implement hardware-enhanced security features, and platform stability to help businesses cut IT costs and boost uptime.

Power for the Future of Business

The Tiger Canyon Dual Display supports two 4K displays for digital signage, video conferencing, and other deployments. Operate Tiger Canyon Dual Display in a cluster of small form factor PCs and implement the display emulator to create seamless implementation of 4K graphics on virtual machines. Businesses can get more work done anytime, anyplace, with the latest wired and wireless options, including Intel® Wi-Fi 6 AX201, the fastest generation of Wi-Fi.

Build embedded solutions

Tiger Canyon, built on Intel 11th Gen architecture, provides greater system performance over previous generations with advanced hyperthreading technologies driving faster speeds and enhanced graphics. Qualified for 24x7 operation and backed by a three-year warranty, Intel NUC 11 Pro boards are small, powerful systems designed to meet today's needs—and keep businesses running for years. The built-in hardware-enhanced security keeps client data and credentials secure for remote installations such as digital kiosks and intelligent vending.

Highlighted features

- 11th Gen Intel® Core™ i7-1165G7
- Intel® Iris™ XE Graphics
- 2x DDR4-3200 SO-DIMM Sockets
- M.2 Socket Supports PCIe Gen 4 SSDs
- 2x HDMI 2.0b Supporting 4K @ 60Hz
- Intel® 2.5 Gigabit LAN
- Intel® Wi-Fi 6 + Bluetooth 5.1
- 3x USB Gen 2 Ports
- 1x USB 2.0 Port
- Digital Audio 7.1 Surround Sound
- Internal Dual-Band Antennas
- Front Panel Power Button
- $19V_{DC}$ Power Supply
- Kensington Lock Support
- VESA Mount Kit

Customization

- Supports DDR4 RAM 4GB to 64GB
- Supports M.2 SSD 128GB to 8TB
- 2s USB 2.0 Internal Headers
- 1x RS-232 Serial Internal Header
- Customizable Lid Options

Simply NUC Services
You can order this NUC in your various configurations, as well as your corporate OS Image loaded and ready to deploy.

Technical Specification

Processor
- Or 11th Gen Intel® Core™ i7-1165G7 Processor (2.8GHz @ 28W, up to 4.7GHz Turbo, 4C/8T, 12MB Cache)

Audio
- Up to 7.1 Multichannel (or Dual 8-channel) Digital Audio via HDMI

Hardware Management Features
- Voltage and Temperature Sensing
- ACPI-compliant Power Management Control
- Fan Sensor Input used to Monitor and Control Fan Activity

Mechanical Chassis Information
- 4.61" x 4.41" x 2.13" (117mm x 112mm x 54mm)

Graphics
- Intel® Iris™ XE Graphics
- 2x HDMI 2.0b Ports with HDCP 2.2
- Built-in CEC for Both Ports

Peripheral Connectivity
- Intel® 2.5 Gigabit LAN
- 3x Super-Speed USB 3.2 Gen 2 Ports (2x Front and 1x Rear)
- 1x Rear USB 2.0 Port
- Intel® Wi-Fi 6 AX201 is Removable or Disabled for Security
- Intel® Bluetooth 5.1

Baseboard Power Requirements
- $12V_{DC}$ to $20V_{DC}$ Input Voltage Range
- 19V AC-DC Power Adapter with Detachable Power Cord Supplied

Front Panel Header
- Reset, HDD LED, Power LEDs, Power On/Off
- Vcc5/1A, 5Vsby/2A, 3.3Vsby/1A

System Memory
- 2x DDR4 SO-DIMM Sockets, up to 64GB, 3200MHz, 1.2V

System Bios
- 64Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Intel® Visual BIOS
- Intel® Express Bios Update Support

Storage Capabilities
- M.2 22x80 Socket Supports SSDs and PCIe Gen 4
- One M.2 Socket for Connection to 2.5" SATA SSD

Expansion Capabilities
- 1x M.2 for Functional Lid Support
- 2x USB 2.0 Ports on Two 1x4 Internal Headers
- 2x Consumer Electronics Control Headers

Certifications and Regulation

Safety Regulations and Standards
- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

Environmental Operating Temp
- 0°C to +40°C
- Non-Condensing Humidity

EMC/RF Regulations and Standards
- FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E
- EN 55052
- EN 55024
- CISPR 52
- ICES-005
- ETSI EN 500 528
- ETSI EN 501 489-1
- ETSI EN 501 489-17
- ETSI EN 501 895
- EN 62511
- AS/NZS 2772.2
- AS/NZS 4268
- VCCI V-2, V-4, V-5
- KN-52

EMC/RF Regulations and Standards (continued)
- KN-24
- CNS 15458

Environmental Regulations
- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU
- China RoHS

Certified Operating Systems
- Windows 10 64-bit (Pro & Home)
- Windows 10 IoTe
- Windows Server 2019
- Linux (Fedora)