



Model: Nano-U10C

10th Gen. Comet Lake-u, UHD620 4K Graphics 2 Displays,
SATA+M.2 SSD/NVMe, 6 USB+Type-C



Featured Highlights

- Fanless Nano Enclosure: 7.67"(W) x 5.71"(D) x 2.13"(H)
- 10th Gen Intel® Core® i7/i5/i3/Celeron/Pentium-u Processor
- Intel® Comet Lake-u Platform (SOC)
- Intel® UHD 620 Graphics, 4K/5K Resolution, HDMI+DP
- 8GB 2666MHz DDR4 SO-DIMM, upgradable to 64GB
- 250GB M.2 NVMe SSD
- Gigabit LAN, M.2-WiFi/BT
- Eshine® CJC6811 Audio Codec
- 4 USB 3.0, 2 USB 2.0, Type-C
- DC19V 90W Power Adapter (UL/CE/FCC Certified)
- Supports Windows 10, IoT, Linux
- For Digital Signage, Set Top Box, etc.

Specifications

Processor	• Intel® Core® i7-10510u 1.80/4.90GHz 4C/8T 8M 10/15/25W	Other I/O	• 2 x USB 3.0 ports (Front) • 2 x USB 2.0 ports (Front) • 1 x 3.5mm Audio jack (Front)
Chipset	• Intel® Comet Lake-u Platform (SOC)	System BIOS	• AMI® UEFI 64MBit / Legacy BIOS • Support for Advanced Configuration and Power Interface (ACPI), Plug and Play, and System Management BIOS (SMBIOS) • Watchdog supported
Graphics	• Intel® UHD 620 Graphics, 4K/5K Resolution, HDR 10Bit color • Supports Dual Displays • 1 x HDMI 2.0, 4K 60Hz Graphics port • 1 x DP 1.2, 4K 60Hz Graphics port	Chassis	• Nano-F15 Fanless Chassis • Dimensions: 7.67"(W) x 5.71" (D) x 2.13"(H), Weight: 1.5 lb. (net) 5 lb. (gross with packaging) • Color: Black or Silver as default color, custom colors available with special order • Supports VESA, wall mount or rackmount brackets
Memory	• 2 x DDR4 SO-DIMM, up to 64GB • 2666/2400/2133MHz unbuffered non-ECC (Dual Channel I/O)	Power	• Power: DC19V 90W Power Adapter 2.5mm plug (UL/CE/FCC Certified) • Power Cord: Standard US Power Cord included, European Power Cord available as option • Energy Star Compliance, Idle mode at <1W
Network	• 1 x Realtek® RTL8111H Gigabit (10/100/1000 Mb/s) LAN • 1 x M.2 2230 socket (for WiFi+BT or Other Module) • Wake on LAN, PXE boot (Diskless) supported	OS Support	• Windows 10, IoT, Linux
Expansion Slot	• 1 x M.2 2230 socket (for WiFi+BT or Other Module) • 1 x M.2 2280 socket (for SATA-6GB/s or PCIe x4 NVMe)	Application	• Digital Signage, Set Top Box, Edge AI, etc.
Storage	• 1 x SATA 6Gb/s • 1 x M.2 2280 socket (for SATA-6GB/s or PCIe x4 NVMe)	Environment	• Operating Temperature: -0 to 40 C • Non-operating temperature: -20 to +70 C • Vibration - Operating: 9.8 m/s²(1.0G) 5 to 500Hz • Vibration - Non operating: 49 m/s²(5.0G) 15 to 500Hz • Shock - Operating: 3,920 m/s² (400G) 2ms • Shock - Non-Operating: 8,820 m/s² (900G) 1ms • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing) • MTBF: 100,000 Hours • FCC, CE, RoHS Certified
Audio	• Eshine® CJC6811 Audio Codec • 1 x 3.5mm Audio jack		
Back I/O	• 2 x USB 3.0 ports • 1 x Type-C USB port • 1 x HDMI 2.0 port • 1 x DP 1.2 port • 1 x LAN port • 1 x DC-In Jack port		