

NEXIBOX

CORE GEN1

COMPACT ENTERPRISE MINI DESKTOP PLATFORM

Reliable. Compact. Business Ready.

The Nexibox™ Core Gen1 Series delivers reliable performance in an ultra-compact design—built for modern workplaces, enterprise productivity, and everyday business computing.



BUILT FOR MODERN BUSINESS

Corporate Offices

Education

Retail & POS

Healthcare

Digital Signage

Remote Work

ENTERPRISE PERFORMANCE

DUAL 2.5Gb NETWORKING

QUAD DISPLAY SUPPORT

SECURE & MANAGEABLE

COMPACT & VERSATILE

Nexibox Core Gen1 Series

Compact Enterprise Mini Desktop Powered by Intel® 13th Generation Core™ Processors

Reliable | Compact | High Performance | Enterprise Ready

Ultra-Compact Enterprise Mini Desktop for Modern Business, Productivity & Edge Computing Applications

The **Nexibox™ Core Gen1 Series** is a high-performance ultra-compact mini desktop engineered for modern workplaces requiring reliable computing, efficient multitasking, and enterprise-class connectivity. Powered by Intel® 13th Generation Raptor Lake-U processors, the system combines exceptional processing capability with a compact form factor, making it ideal for office productivity, remote work, digital signage, education, retail, healthcare, and industrial applications.

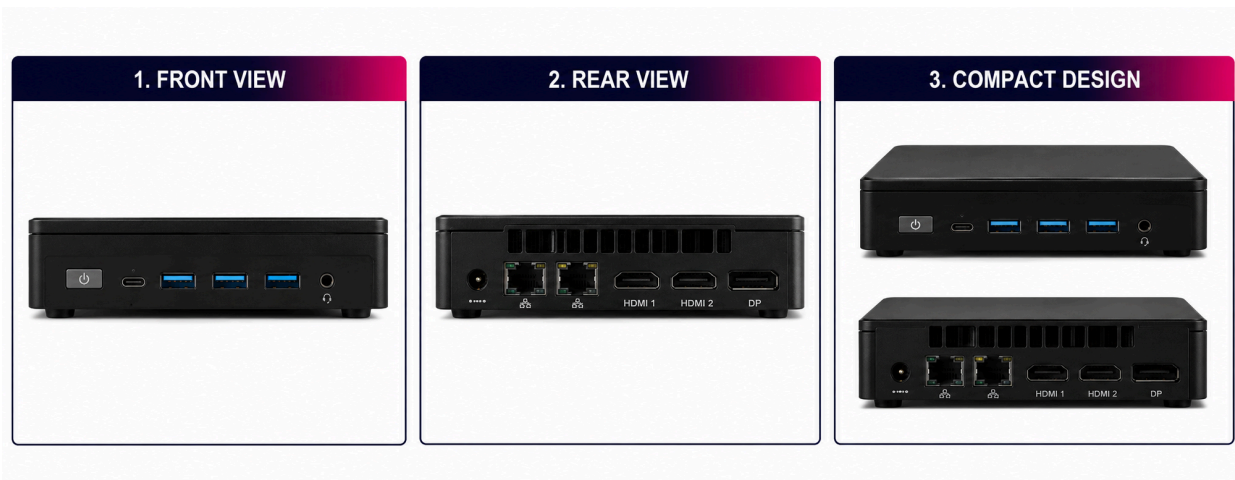
With support for high-speed PCIe Gen4 NVMe SSD storage, dual 2.5 Gigabit Ethernet, multiple 4K display outputs, and USB4 connectivity, the Nexibox™ Core Gen1 Series delivers outstanding performance while maintaining excellent energy efficiency and reliability.

Enterprise Compact Mini Desktop Platform

The **Nexibox™ Core Gen1 Series** combines **Intel® 13th Generation Core™ processors**, high-speed **DDR4 memory**, **PCIe Gen4 NVMe storage**, and enterprise-class connectivity to deliver reliable performance for modern business computing. Its ultra-compact form factor and flexible desktop and VESA mounting options make it ideal for enterprise, education, healthcare, retail, and industrial environments.

Key Features

- Intel® 13th Generation Core™ Processor Platform
- Ultra-Compact Mini Desktop
- Up to 64 GB DDR4 3200 MHz Memory
- PCIe Gen4 x4 NVMe SSD Storage
- Quad Independent Display Support
- Dual 2.5 Gigabit Ethernet Connectivity
- USB4 (40Gbps) & USB 3.2 Gen2 High-Speed Ports
- Windows® 10 IoT Enterprise, Windows® 11 & Linux Support
- Optional TPM Security Module
- Desktop & VESA Mount Compatible
- Enterprise-Class Reliability



Enterprise Computing Platform

The **Nexibox™ Core Gen1 Series** is designed to deliver reliable and efficient computing performance for modern business environments. Powered by Intel® 13th Generation Core™ processors, high-speed DDR4 memory, and PCIe Gen4 NVMe storage, it provides responsive performance for multitasking, office productivity, collaboration, and enterprise applications. Its ultra-compact design, enterprise-class connectivity, and flexible deployment options make it an ideal solution for professional workspaces where performance, reliability, and space efficiency are essential.

- High-Performance Business Computing
- Responsive Multitasking & Productivity
- Intel® 13th Generation Core™ Platform
- High-Speed DDR4 Memory
- PCIe Gen4 NVMe SSD Storage
- Quad Display Productivity
- Dual 2.5 Gigabit Enterprise Networking
- Windows® 10 IoT Enterprise, Windows® 11 & Linux Support

Ideal Applications



Technical Specifications

SYSTEM

Parameter	Specification
Model Name	Nexibox™ Core Gen1 Series
System Type	Enterprise Mini Desktop Platform
Processor Platform	Intel® Raptor Lake-U SoC Platform
Processor Options	Intel® Processor U300, Intel® Core™ i3-1315U, Intel® Core™ i5-1335U, Intel® Core™ i5-1345U (vPro®), Intel® Core™ i7-1355U, Intel® Core™ i7-1365U (vPro®)
Memory	2 × DDR4 SO-DIMM Slots, Up to 64GB, 3200MHz
Storage	1 × M.2 2280 PCIe Gen4 ×4 NVMe SSD
Graphics	Intel® Integrated Graphics
Operating System	Windows® 10 IoT Enterprise / Windows® 11 Home & Pro / Linux
Power Adapter	19V DC / 90W
Dimensions	148 × 120 × 38.35 mm

DISPLAY & CONNECTIVITY

Specification	Details
Display Outputs	2 × HDMI®, 1 × DisplayPort 1.4, 1 × USB Type-C (DisplayPort Alt Mode)
Maximum Displays	Up to 4 Independent Displays
Ethernet	2 × 2.5 Gigabit Ethernet LAN
Audio	1 × Audio Combo Jack

USB INTERFACES

Specification	Details
Front USB	3 × USB 3.2 Gen2 Type-A
Front USB Type-C	1 × USB4 (40Gbps) Type-C
Internal USB	1 × USB 2.0 Header

SECURITY & MOUNTING

Specification	Details
TPM	Optional TPM Module
Accessories Included	Power Adapter, VESA Mount Kit, Mounting Screws, Quick Installation Guide
VESA Mount	75 × 75 mm / 100 × 100 mm Compatible

Security & Manageability	Physical & Environmental	Deployment & Support
Optional TPM 2.0 Module	Ultra-Compact Mini Desktop Design	Technical Support
Intel® vPro® Support (<i>Selected Models</i>)	Desktop & VESA Mount Compatible	Deployment Assistance
Secure Boot	Efficient Thermal Design	Installation Guidance
Windows® 10 IoT Enterprise Compatibility	Energy-Efficient Computing	Accessories Included
Enterprise Device Management	Space-Saving Form Factor	Product Documentation
BIOS-Level Security	Quiet Operation	Driver & Firmware Support
Kensington Lock Support	Designed for Continuous Operation	Enterprise Support Services
Enterprise-Class Data Protection	Professional Business Deployment	Long-Term Business Reliability
Secure Business Computing	Compact & Durable Enclosure	OEM Warranty

Why Choose Nexibox Core Gen1?

- Intel® 13th Generation Core™ Platform
- Compact & Space-Saving Design
- Up to 64GB DDR4 Memory
- PCIe Gen4 NVMe Storage
- Support for Up to Four Displays
- Dual 2.5 Gigabit Enterprise Networking
- USB4 High-Speed Connectivity
- Windows & Linux Support
- Enterprise Security Features
- VESA Mount Compatibility
- Reliable 24×7 Business Operation



ENGINEERED IN INDIA — ● — PROUDLY BUILT IN INDIA



NEXIBOX TECHNOLOGIES PRIVATE LIMITED

ISO 9001:2015 & ISO/IEC 27001:2022 Certified Company | Recognized by **Startup India** |
MSME Registered | **ZED (Zero Defect Zero Effect)** Pledge Participant

Disclaimer

The information contained in this datasheet is provided for general informational purposes only and is believed to be accurate at the time of publication. Product specifications, features, configurations, availability, and pricing are subject to change without prior notice as part of NexiBox's continuous product improvement program.

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