



CORE GEN2

ENTERPRISE COMPACT MINI DESKTOP PLATFORM

Compact. Powerful. Enterprise Ready.

The Nexibox™ Core Gen2 Series delivers high-performance computing in a compact and efficient design—built for modern businesses and mission-critical applications.



BUILT FOR
MODERN BUSINESS

- Corporate Offices
- Industrial Automation
- Transportation & Railway
- Research Laboratories
- Test & Measurement
- Energy & Utilities



ENTERPRISE
PERFORMANCE



HIGH-SPEED
NETWORKING



TRIPLE DISPLAY
SUPPORT



SECURE &
MANAGEABLE



COMPACT &
VERSATILE

Nexibox Core Gen2 Series

Enterprise Mini Desktop Powered by Intel® Core™ Ultra Processors

Reliable | Compact | High Performance | Enterprise Ready

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

The **Nexibox™ Core Gen2 Series** is a next-generation compact desktop platform engineered for modern business computing. Powered by the latest Intel® Core™ Ultra processors, it delivers exceptional performance, energy efficiency, and AI-ready capabilities for enterprise, education, government, healthcare, retail, and industrial environments.

Designed with a sleek **1.1L ultra-compact chassis**, the Core Gen2 Series offers powerful desktop performance while minimizing workspace requirements. With support for high-speed

DDR5 memory, PCIe Gen4 NVMe SSD storage, triple-display output, and 2.5 Gigabit networking, it provides a versatile platform for productivity, collaboration, digital content, and edge computing applications.

Enterprise Compact Mini Desktop Platform

The **Nexibox™ Core Gen2 Series** combines Intel® Core™ Ultra processors, high-speed DDR5 memory, PCIe Gen4 NVMe storage, and rich I/O connectivity to deliver reliable performance for modern business computing. Its compact **1.1L form factor** and flexible mounting options make it ideal for enterprise, education, healthcare, retail, and industrial environments.

Key Features

- Intel® Core™ Ultra Processor Platform
- Ultra-Compact 1.1L Mini Desktop
- Up to 128 GB DDR5 6400 MHz Memory
- Dual PCIe Gen4 x4 NVMe SSD Support
- Triple Independent Display Support
- 2.5 Gigabit Ethernet Connectivity
- USB 3.2 Gen2 & USB Type-C High-Speed Ports
- Windows® 11, Windows® 11 IoT Enterprise & Linux Support
- Optional TPM Security Module
- Desktop, Vertical Stand & VESA Mount Compatible
- Optimized Thermal Design
- Enterprise-Class Reliability



Enterprise Computing Platform

The **Nexibox™ Core Gen2 Series** is designed to provide a reliable and efficient computing platform for modern business environments. Powered by Intel® Core™ Ultra processors, high-speed DDR5 memory, and PCIe Gen4 NVMe storage, it delivers responsive performance for multitasking, office productivity, and enterprise applications. Its compact 1.1L design, rich I/O connectivity, and flexible deployment options make it an ideal solution for professional workspaces where performance, reliability, and efficient space utilization are essential.

- High-Performance Business Computing
- Responsive Multitasking & Productivity
- AI-Ready Intel® Core™ Ultra Platform
- High-Speed DDR5 Memory
- Dual PCIe Gen4 NVMe SSD Support
- Triple Display Productivity
- 2.5 Gigabit Enterprise Networking
- Windows® 11, Windows® 11 IoT Enterprise & Linux Support

Ideal Applications



Technical Specifications

SYSTEM

Parameter	Specification
Model Name	Nexibox™ Core Gen2 Series
System Type	Enterprise Mini Desktop Platform
Processor Platform	Intel® Core™ Ultra Processors (LGA1851 Socket)
Processor Support	35W & 65W TDP Processors
Memory	2 × DDR5 SO-DIMM Slots, Up to 128GB, 6400MHz
Storage	2 × M.2 2280 PCIe Gen4 ×4 NVMe SSD
Graphics	Intel® Integrated Graphics
Operating System	Windows® 11 / Windows® 11 IoT Enterprise / Linux
Power Adapter	20V DC / 120W
Dimensions	205 × 176 × 33 mm

DISPLAY & CONNECTIVITY

Specification	Details
Display Outputs	1 × HDMI®, 2 × DisplayPort, Optional VGA
Maximum Displays	Up to 3 Independent Displays
Ethernet	1 × 2.5 Gigabit Ethernet LAN
Audio	1 × Audio Combo Jack, 1 × Microphone Input

USB INTERFACES

Specification	Details
Front USB	2 × USB 3.2 Gen2 Type-A
Front USB Type-C	2 × USB 3.2 Gen2 Type-C
Rear USB	4 × USB 3.2 Gen1 Type-A

SECURITY & MOUNTING

Specification	Details
TPM	Optional TPM Module
Internal Speaker	Optional
Mounting Options	Desktop, Vertical Stand & VESA Mount
VESA Compatibility	Supported

Security & Manageability	Physical & Environmental	Deployment & Support
Optional TPM Module Support	Ultra-Compact 1.1L Chassis	Technical Support
Secure Boot Support	Desktop, Vertical & VESA Mount	Deployment Assistance
Windows 11 IoT Enterprise	Optimized Thermal Design	Installation Guidance
Enterprise Device Management	Low Noise Operation	Configuration Support
BIOS-Level Security Features	Energy-Efficient Computing	Product Documentation
Kensington Security Slot	Stable Long-Term Performance	Driver & Firmware Updates
Reliable Enterprise Protection	Compact Business Design	Enterprise Support Services
Secure Business Computing	Suitable for Continuous Business Operation	OEM Warranty

Why Choose Nexibox Core Gen2?

- Latest Intel® Core™ Ultra Platform
- Ultra-Compact Enterprise Design
- High-Speed DDR5 Memory
- Dual PCIe Gen4 NVMe Storage
- Triple Display Support
- 2.5Gb Enterprise Networking
- Windows & Linux Compatibility
- Flexible Mounting Options
- Enterprise Security Features
- Designed for 24×7 Professional 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

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