

System Configuration

PRO TOWER DP21 14MQG

Enterprise Performance. Reliable. Scalable.

The PRO TOWER DP21 14MQG is engineered for modern enterprise workloads, combining next-generation Intel® performance, robust security, and a scalable Micro-ATX architecture.



CHASSIS

Micro-ATX Tower - 25.3 L

- External 3.5" bay
- Kensington lock
- Full mATX compliance
- 450 watts power supply



MOTHERBOARD

B860M-C/CSM

- Intel vPro® Enterprise (AMT)
- 4 DIMM slots
- 2x M.2 SSD, 1x M.2 WLAN
- 2x SATA 3.0
- DP 1.4 + HDMI 2.1



PROCESSOR

Intel® Core™ Ultra 9 285K

- Desktop segment
- No T/TA suffix
- Ultra 7 / Ultra 9 compliant



MEMORY

32GB DDR5-5600

- 2x 16GB, Non-ECC
- 4 DIMM slots
- Fully removable



STORAGE

1TB NVMe PCIe 4.0 - Class 2

- 2x M.2 SSD
- 2x SATA 3.0
- 1x M.2 WLAN
- Removable storage



GRAPHICS

Integrated Intel® iGPU

Ideal for productivity and multi-display environments.

Optional NVIDIA RTX 5080



FRONT I/O

- Combo audio
- 1x USB-A 3.2
- 1x USB-C 20 Gbit/s (PD)



REAR I/O

- 2x USB-A 3.2
- 1x USB-C 10 Gbit/s
- 2x DisplayPort 1.4
- 1x HDMI 2.1
- 1x RJ-45 Intel LAN



EXPANSION

PCIe Slots

- 1x PCIe x16
- 1x PCIe x4



POWER SUPPLY

MSI 80 PLUS Platinum

High-efficiency, reliable power delivery.



Built for Business.
Designed for Tomorrow.



SECURITY

- TPM 2.0
- Kensington lock slot



CERTIFICATIONS

- EPEAT Gold
- Energy Star
- FCC, CB/CE, UL & CUL, VCCI, RCM



WARRANTY

- 3-year onsite service
- No soldered components
- Optional 5-year extended coverage



ACCESSORIES

- Canadian French or Canadian English keyboard included



System Configuration

The proposed solution is based on the **MSI PRO DP21 TOUR** platform, a professional Micro-ATX desktop system designed for office, institutional, and commercial environments that require performance, reliability, and long-term scalability.

The system is built around the **MSI PRO B860M-C/CT-CSM motherboard**, featuring the Intel B860 chipset and providing four DDR5 memory slots, two M.2 NVMe storage slots for high-speed storage, one PCIe 5.0 x16 expansion slot, and one PCIe 4.0 x4 expansion slot for future upgrade requirements.

The system is powered by an **Intel Core Ultra 7 265 (Series 2)** processor with Intel vPro compatibility, delivering excellent performance for business applications, advanced productivity workloads, multitasking environments, and day-to-day professional computing requirements.

Installed memory consists of **32 GB of non-ECC DDR5 RAM**, configured as two 16 GB Kingston DDR5-6400 memory modules. This configuration provides high system responsiveness while preserving two available DIMM slots for future memory expansion.

Primary storage is provided by a **500 GB Kingston NVMe solid-state drive (SSD)**, offering fast boot times, excellent application responsiveness, and significantly higher performance than traditional SATA-based storage devices.

Graphics capabilities are provided by the integrated Intel graphics controller included with the Intel Core Ultra 7 processor, supporting business applications, video conferencing, multi-display environments, and general professional workloads without requiring a dedicated graphics card.

The system is housed in an **Micro-ATX tower chassis** and powered by a **450-watt power supply**, providing stable and reliable operation while allowing for future expansion through additional peripherals and expansion cards.

The system is supplied with **Microsoft Windows 11 Professional (French edition)** pre-installed and ready for deployment within a managed business environment.

Included Accessories

- Kensington wired bilingual keyboard (Canadian French)
- Logitech B100 optical mouse
- All required power and connection cables

This configuration provides a reliable, expandable, and business-class desktop platform that meets the operational requirements of the organization while delivering long-term value and maintainability.