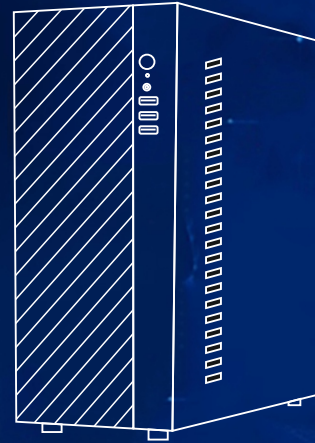


# AI READY COMPUTING

BUILT FOR AI LABS &  
FUTURE LEARNING

Model: **PDLMT-225-AI**



## ACCELERATING AI EDUCATION

Powered by Intel® technology, the PDLMT-235-AI is purpose-built for AI Labs, Data Science Programs, Coding Academies, and Future Skills Centers, enabling students to explore Artificial Intelligence, Machine Learning, Computer Vision, and Generative AI applications.



## LEARN - BUILD - INNOVATE.

- Develop and run AI & Machine Learning projects
- Explore Generative AI and Large Language Models
- Build Computer Vision and Edge AI applications
- Support Python, TensorFlow, PyTorch & Open VINO™ toolkits



## PERFORMANCE FOR AI WORKLOADS

- High-performance Intel® processing platform
- Supports large datasets and AI training environments
- Multi-display capability for collaborative learning
- Optimized for AI development and inferencing



## FUTURE-READY LEARNING PLATFORM

- Ideal for AI, Robotics & STEM Labs
- Data Science & Analytics Education
- Coding, Programming & Research Applications
- Industry-aligned learning experiences



## DESIGNED FOR INSTITUTIONS

- AI & Innovation Labs
- Engineering Colleges
- Universities & Research Centers
- Coding Academies
- STEM Learning Centers
- Future Skills Programs

## Specifications

<b>Motherboard Form Factor</b>	Micro ATX
<b>CPU and chipset</b>	Intel® Core™ Ultra 5 Processor 225 Chipset: Intel® B860 Express Chipset
<b>Memory</b>	4 x DDR5 DIMM Slots, supports 6400 / 5600 / 5200 / 5000 / 4800 MT/s SD RAM (By CPU Selection)
<b>Storage</b>	<b>Solid State Drive:</b> 256/512/1TB/2TB M.2 NVMe SSD
<b>Graphics</b>	Integrated Graphics Processor-Intel® HD Graphics support: - 1 x USB4® USB Type-C® port, supporting USB4 and DisplayPort video outputs and a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version. - 1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 2.1 version - 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.1 version and HDCP 2.3. - 1 x front HDMI port taken to the rear panel by using an HDMI extender , supporting a maximum resolution of 1920x1080@30 Hz * Support for HDMI 1.4 version. (Graphics specifications may vary depending on CPU support.) Support for up to quad-display at the same time
<b>Audio</b>	Realtek® Audio CODEC High-Definition Audio 2/4/5.1/7.1-channel * You can change the functionality of an audio jack using the audio software. To configure 7.1- channel audio, access the audio software for audio settings. Support for S/PDIF Out
<b>LAN</b>	Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
<b>Wireless Module</b>	Realtek® Wi-Fi 6E RTL8852CE (PCB rev. 1.1) - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless standard (Actual data rate may vary depending on environment and equipment.)
<b>Front I/O ports</b>	2 x USB 2.0 HD Audio & Mic In port
<b>Dimensions</b>	Tower - 375 (L) x 185(W) x 365 (H)
<b>Power Supply</b>	Power supply (Tower): 250 W Standard Efficiency, ATX, 230 VAC Power Supply

Powered by **intel**



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Fast & Stable  
Connectivity



Compact  
& Space Saving



Energy  
Efficient

LEARN AI.  
BUILD AI.  
INNOVATE WITH AI.

Empowering the Next Generation of AI Innovators