

# DLAP-8100 Series

搭载Intel® Core™200S系列和第14 / 13 / 12代Core™ 处理器的AI工业计算机

## 产品特点

- Intel® Core™ Series 2 Processors and 14/13/12th Gen Intel® Core™ Processors
- Up to 196GB DDR5 4800MHz Memory
- 2x DP++, 2x HDMI, 3x 2.5GbE, 4x COM, 8DI, 8DO, 4x USB3.2, 2x USB 3.1
- 4x 2.5" SSD Tray (3x SATA III 6Gb/s, 1x USB-to-SATA)
- Embedded expansion includes 1x M.2 2230 E Key, 1x M.2 3042/3052 B Key, 1x M.2 2280 M Key, and 2x USIM
- Supports NVIDIA® RTX 6000 ADA GPU with full-speed Gen4 x16 signal
- Microsoft® Windows® 10 IoT and Linux® Ubuntu 22.04



## 订购信息

| Model Name                        | CPU       | Memory | Storage   | GPU          | DP          | HDMI | LAN       | COM | USB 3.0 |
|-----------------------------------|-----------|--------|-----------|--------------|-------------|------|-----------|-----|---------|
| DLAP-8107RF/M64G/S512G/RTX4000ADA | i7-14700  | 64GB   | 512GB SSD | RTX 4000 ADA | 2 + 4 (GPU) | 2    | 3x 2.5GbE | 4   | 6       |
| DLAP-8109RF/M64G/S2TB/RTX6000ADA  | i9-14900  | 64GB   | 2TB SSD   | RTX 6000 ADA | 2 + 4 (GPU) | 2    | 3x 2.5GbE | 4   | 6       |
| DLAP-8109R/M32G                   | i9-13900E | 32GB   | -         | -            | 2           | 2    | 3x 2.5GbE | 4   | 6       |
| DLAP-8107R/M32G                   | i7-13700E | 32GB   | -         | -            | 2           | 2    | 3x 2.5GbE | 4   | 6       |
| DLAP-8105R/M32G                   | i5-13500E | 32GB   | -         | -            | 2           | 2    | 3x 2.5GbE | 4   | 6       |
| DLAP-8107R/M32G/S256G             | i7-13700E | 32GB   | 256GB SSD | -            | 2           | 2    | 3x 2.5GbE | 4   | 6       |

## 装箱单

| Description        | QTY |
|--------------------|-----|
| Wall mount bracket | 1   |

## 可选配件

| PN               | Description                          |
|------------------|--------------------------------------|
| 30-00001-0030    | US Power cord, C13, 125V/10A, 1830mm |
| 30-00002-0010    | EU Power cord, C13, 250V/10A, 1830mm |
| 30-00067-0000-A0 | UK Power Cord, C13, 250V/10A, 2000mm |

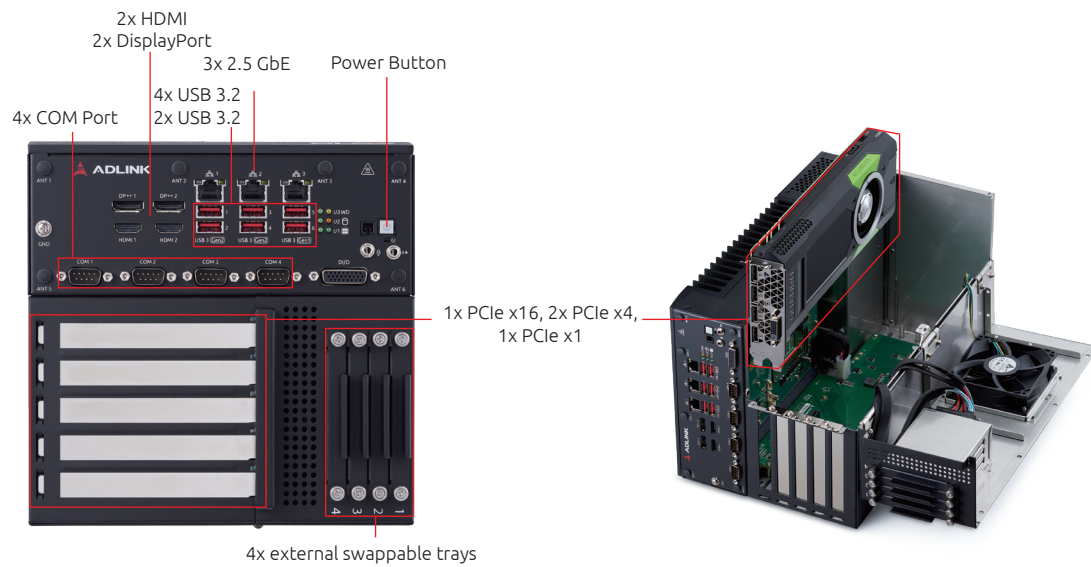
## 嵌入式操作系统

| PN            | Description                                |
|---------------|--------------------------------------------|
| 92-56094-0010 | Windows 10 IoT Ent LTSC 2021 High End PKEA |
| 92-56094-2010 | Windows 10 IoT Ent LTSC 2021 Value PKEA    |
| 92-56094-4010 | Windows 10 IoT Ent LTSC 2021 Entry PKEA    |
| 92-56101-0010 | Windows 11 IoT Ent 2022 High End PKEA      |
| 92-56101-2010 | Windows 11 IoT Ent 2022 Value PKEA         |
| 92-56101-4010 | Windows 11 IoT Ent 2022 Entry PKEA         |

## 产品规格

| Model                  | DLAP-8100                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>System Core</b>     |                                                                                                                                        |
| CPU                    | Intel® Core™ Series 2 Processors and 14/13/12th Gen Intel® Core™ Processors                                                            |
| Chipset                | R680E                                                                                                                                  |
| Memory                 | Up to 196GB DDR5 4800MHz (4x SODIMM slots), Support ECC RAM                                                                            |
| Display                | 2x DP++ and 2x HDMI                                                                                                                    |
| <b>I/O Interfaces</b>  |                                                                                                                                        |
| Ethernet               | 3x 2.5GBE with TSN supported (i225)<br>1x vPro supported                                                                               |
| Serial Ports           | COM1/2: RS-232/422/485, COM3/4: RS-232                                                                                                 |
| USB                    | 4x USB 3.2 Gen2 (Type A)<br>2x USB 3.2 Gen1 (Type A)                                                                                   |
| Audio                  | Line-out, Mic-in                                                                                                                       |
| M.2                    | 1x M.2 2230 Key E (PCIe Gen3 x1)<br>1x M.2 3042/3052 Key B (PCIe Gen3 x1 / USB3)<br>1x M.2 2280 Key M, NVMe/SATA (PCIe Gen3 x4 / SATA) |
| DI/O                   | 8-bit GPIO                                                                                                                             |
| TPM 2.0                | Supported                                                                                                                              |
| Expansion Slots        | 1x PCIe Gen4 x16 (2-slots)<br>1x PCIe3.0 x1<br>2x PCIe3.0 x8 (Signal x4)                                                               |
| GPU                    | Support FHFL graphic cards. NVIDIA RTX 6000 ADA, RTX 5000 ADA, RTX 4000 ADA                                                            |
| <b>Storage Devices</b> |                                                                                                                                        |
| 2.5" SATA              | 4x external swappable trays (3x SATA III and 1x USB-to-SATA), Support 9mm 2.5-inch SSD                                                 |
| <b>Mechanical</b>      |                                                                                                                                        |
| Dimensions             | 210 (W) x 210 (D) x 350 (H) mm (8.27" x 8.27" x 13.8")                                                                                 |
| Weight                 | 10kg                                                                                                                                   |
| Mounting               | Wall mount                                                                                                                             |
| <b>Power Supply</b>    |                                                                                                                                        |
| AC Input               | 100-240 VAC, 1000W power supply built-in                                                                                               |
| <b>Environmental</b>   |                                                                                                                                        |
| Operating Temperature  | -20°C to 60°C (without PEG card)                                                                                                       |
| Storage Temperature    | -40°C to 85°C (-40°F to 185°F) (excluding storage)                                                                                     |
| Humidity               | ~95% @ 40°C (104°F) (non-condensing)                                                                                                   |
| Vibration              | Operating: 2 Grms, 5-500 Hz, 3 axes (w/ SSD/CFast)                                                                                     |
| Shock                  | Operating: 20 Grms, half sine 11ms duration (w/ SSD/CFast)                                                                             |
| ESD                    | Contact ±4KV, Air ±8KV                                                                                                                 |
| EMC                    | EN61000-6-4/-2, CE & FCC Class A                                                                                                       |
| Safety                 | UL/cUL, CB                                                                                                                             |

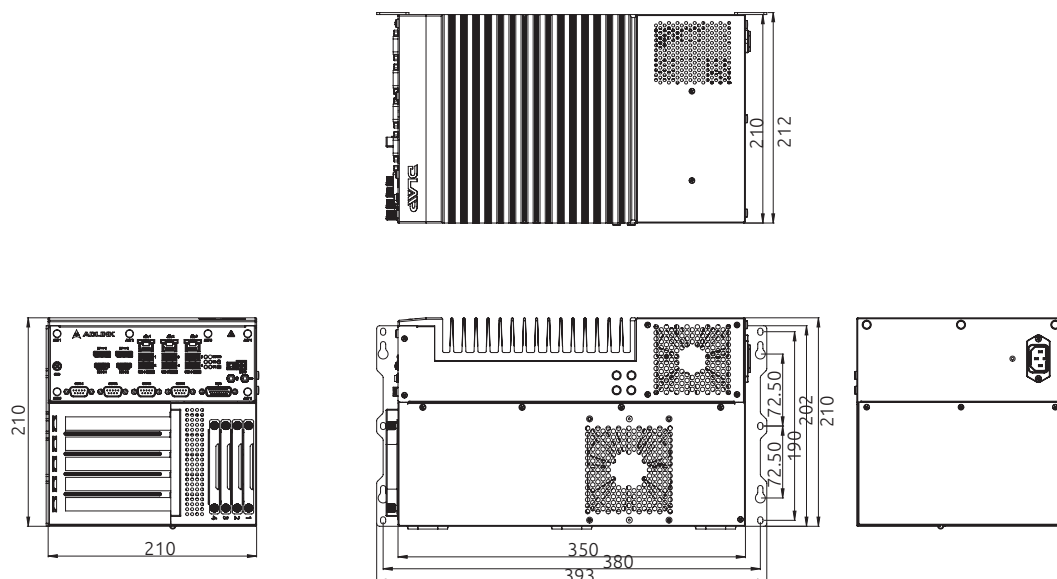
## I/O View



## Product Dimensions



## Product Illustration



## CPU Support List

| Family              | Number     | CPU Core | Cache | Processor Base Power | Since BIOS |
|---------------------|------------|----------|-------|----------------------|------------|
| Alder Lake          | i9-12900E  | 16       | 30 MB | 65 W                 | 1.03.10    |
| Alder Lake          | i9-12900TE | 16       | 30 MB | 35 W                 | 1.03.10    |
| Alder Lake          | i7-12700E  | 12       | 25 MB | 65 W                 | 1.03.10    |
| Alder Lake          | i7-12700TE | 12       | 25 MB | 35 W                 | 1.03.10    |
| Alder Lake          | i5-12500E  | 6        | 18 MB | 65 W                 | 1.03.10    |
| Alder Lake          | i5-12500TE | 6        | 18 MB | 35 W                 | 1.03.10    |
| Alder Lake          | i3-12100E  | 4        | 12 MB | 65 W                 | 1.03.10    |
| Alder Lake          | i3-12100TE | 4        | 12 MB | 35 W                 | 1.03.10    |
| Raptor Lake         | i9-13900E  | 24       | 36 MB | 65 W                 | 2.08.10    |
| Raptor Lake         | i9-13900TE | 24       | 36 MB | 35 W                 | 2.08.10    |
| Raptor Lake         | i7-13700E  | 16       | 30 MB | 65 W                 | 2.08.10    |
| Raptor Lake         | i7-13700TE | 16       | 30 MB | 35 W                 | 2.08.10    |
| Raptor Lake         | i5-13500E  | 14       | 24 MB | 65 W                 | 2.08.10    |
| Raptor Lake         | i5-13500TE | 14       | 24 MB | 35 W                 | 2.08.10    |
| Raptor Lake         | i3-13100E  | 4        | 12 MB | 65 W                 | 2.08.10    |
| Raptor Lake         | i3-13100TE | 4        | 12 MB | 35 W                 | 2.08.10    |
| Raptor Lake Refresh | i9-14900   | 24       | 36 MB | 65 W                 | 2.08.10    |
| Raptor Lake Refresh | i7-14700   | 20       | 28 MB | 65 W                 | 2.13.10    |
| Raptor Lake Refresh | i5-14500   | 14       | 24 MB | 65 W                 | 2.13.10    |
| Raptor Lake Refresh | i3-14100   | 4        | 5 MB  | 60 W                 | 2.13.10    |