ADLINK
LEADING EDGE COMPUTING

DLAP-8100 Series

Industrial AI Workstation with Intel® Core™ Series 2 Processors and 14/13/12th Gen Intel® Core™ Processors

Features

- 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



Windows Canonical Ubuntu EdgeGO

ASD+ 50°C -20°C

Ordering Information

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

Packing Lists

Description	QTY
Wall mount bracket	1

Embedded OS

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

Optional Accessories

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

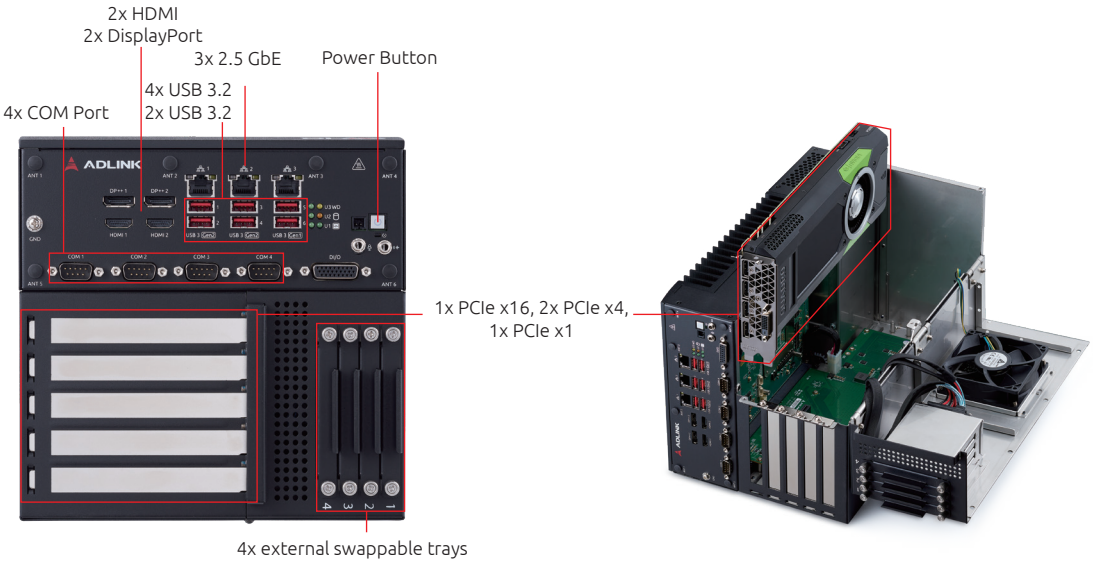
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Specifications

Model	DLAP-8100
System Core	
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
I/O Interfaces	
Ethernet	3x 2.5GBE with TSN supported (i225) 1x vPro supported
Serial Ports	COM1/2: RS-232/422/485, COM3/4: RS-232
USB	4x USB 3.2 Gen2 (Type A) 2x USB 3.2 Gen1 (Type A)
Audio	Line-out, Mic-in
M.2	1x M.2 2230 Key E (PCIe Gen3 x1) 1x M.2 3042/3052 Key B (PCIe Gen3 x1 / USB3) 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) 1x PCIe3.0 x1 2x PCIe3.0 x8 (Signal x4)
GPU	Support FHFL graphic cards. NVIDIA RTX 6000 ADA, RTX 5000 ADA, RTX 4000 ADA
Storage Devices	
2.5" SATA	4x external swappable trays (3x SATA III and 1x USB-to-SATA), Support 9mm 2.5-inch SSD
Mechanical	
Dimensions	210 (W) x 210 (D) x 350 (H) mm (8.27" x 8.27" x 13.8")
Weight	10kg
Mounting	Wall mount
Power Supply	
AC Input	100-240 VAC, 1000W power supply built-in
Environmental	
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

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

I/O View

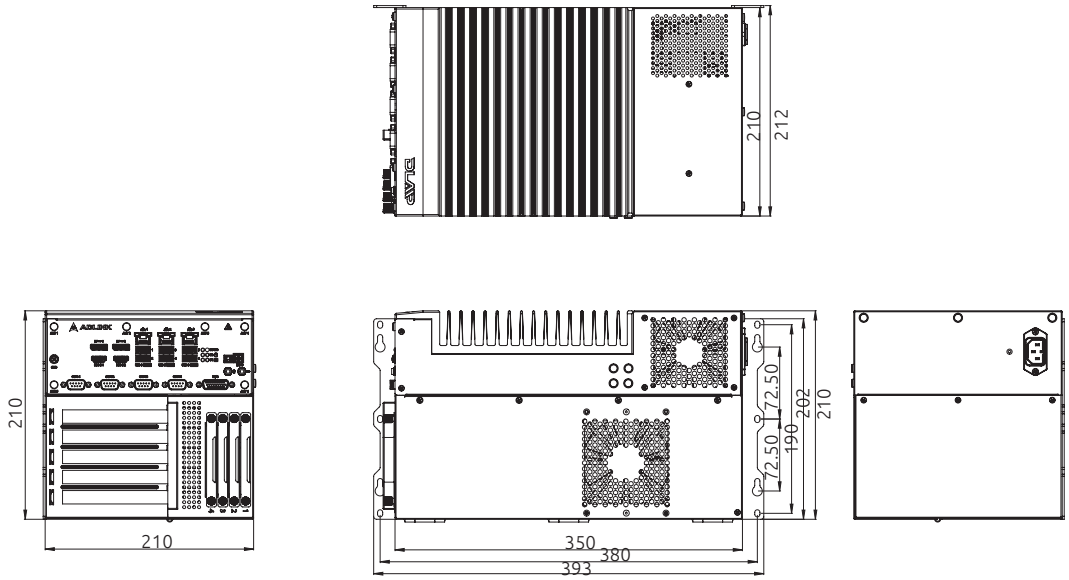


Product Dimensions



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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

All products and company names listed are trademarks or trade names of their respective companies. Updated Apr. 15, 2026. ©2026 ADLINK Technology, Inc. All Rights Reserved. All pricing and specifications are subject to change without further notice.