ADLINK
LEADING EDGE AI COMPUTING

DLAP-4100 Series

Industrial Mini-ITX System 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
- Dual-channel DDR5 4800 MHz memory up to 64 GB
- Three independent display: HDMI 2.0b, HDMI 1.4b, DP 1.4a
- Dual GbE ports: 1x 1GbE, 1x 2.5GbE
- Expansion slots: 1x PCIe GEN5 x16, 4x USB 3.2 Gen2, 2x USB 2.0, 1x M.2 B-key, 1x M.2 E-key, 2x M.2 M-key



Windows Canonical Ubuntu EdgeGO

ASD+ 50°C -20°C

Ordering Information

Model Name	CPU	Memory	Storage	GPU
DLAP-4105RF/M16G/S1TB/RTX4000ADA	i5-14500	16GB	1TB SSD	RTX 4000 Ada
DLAP-4107R/M16G	i7-13700E	16GB	-	-
DLAP-4109RF/M32G/1TB	i9-14900	32GB	1TB NVMe	-
DLAP-4107R/M64G/RTX4000ADA	i7-13700E	64GB	-	RTX 4000 Ada
DLAP-4107R/M16G/S512GB	i7-13700E	16GB	512GB SSD	-

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

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 LTSC 2024 High End PKEA
92-56101-2010	Windows 11 IoT Ent LTSC 2024 Value PKEA
92-56101-4010	Windows 11 IoT Ent LTSC 2024 Entry PKEA

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Specifications

Model		DLAP-4100 Series
System	CPU	Intel® Core™ Series 2 Processors and 14/13/12th Gen Intel® Core™ Processors, 35W/65W Processor
	Chipset	Intel® Q670 Chipset
	RAM	DDR5 4800MHz (up to 64GB), 2x SODIMM
	Storage	2x 2.5" SATA 6Gb/s drive bays, Support 9mm 2.5-inch SSD
	OS	Windows 10/11 IoT LTSC, Ubuntu 22.04
I/O Interfaces	Display	1x DP 1.4a, DP++ 1x HDMI 2.0b 1x HDMI 1.4b
	Ethernet	1x 2.5GbE Intel® i226-V 1x GbE Intel® i219-LM
	Serial Ports	2x RS-232/422/485 (DB9 connector)
	USB	4x USB3.2 Gen2 2x USB 2.0
	M.2	1x M.2 2230 E-key (PCIe Gen3 x1) 1x M.2 3042/3052 B-key (PCIe Gen3 x1 / USB3) 1x M.2 2242 M-key, NVMe/SATA (PCIe Gen3 x4 / SATA) 1x M.2 2242/2280 M-Key, NVMe (PCIe Gen3 x4)
	Digital IO	8-bit GPIO
	Audio	Line-out, MIC-IN
	TPM 2.0	Yes
	Expansion slot	1x PCIe Gen5 x16
Mechanical	Dimensions	230 (W) x 300 (D) x 150 (H) mm
	Mounting	Wall mount
	Weight	7kg
	AC Input	100- 240 AC input (500W)
Environmental	Operating Temperature	-20°C to 50°C
	Storage Temperature	-40°C to 85°C (-40°F to 185°F) (excl. storage)
	Humidity	~95% @ 40°C (non-condensing)
	Vibration	Operating: 1 Grms, random, 5-500 Hz, 3 axes (w/ SSD)
	Operating and Package (NON-OP) shock	Operating: 20G, half sine 11ms duration (w/SSD)
	EMC	EN61000-6-4/-2, CE & FCC Class B
	Safety	UL/cUL, CB

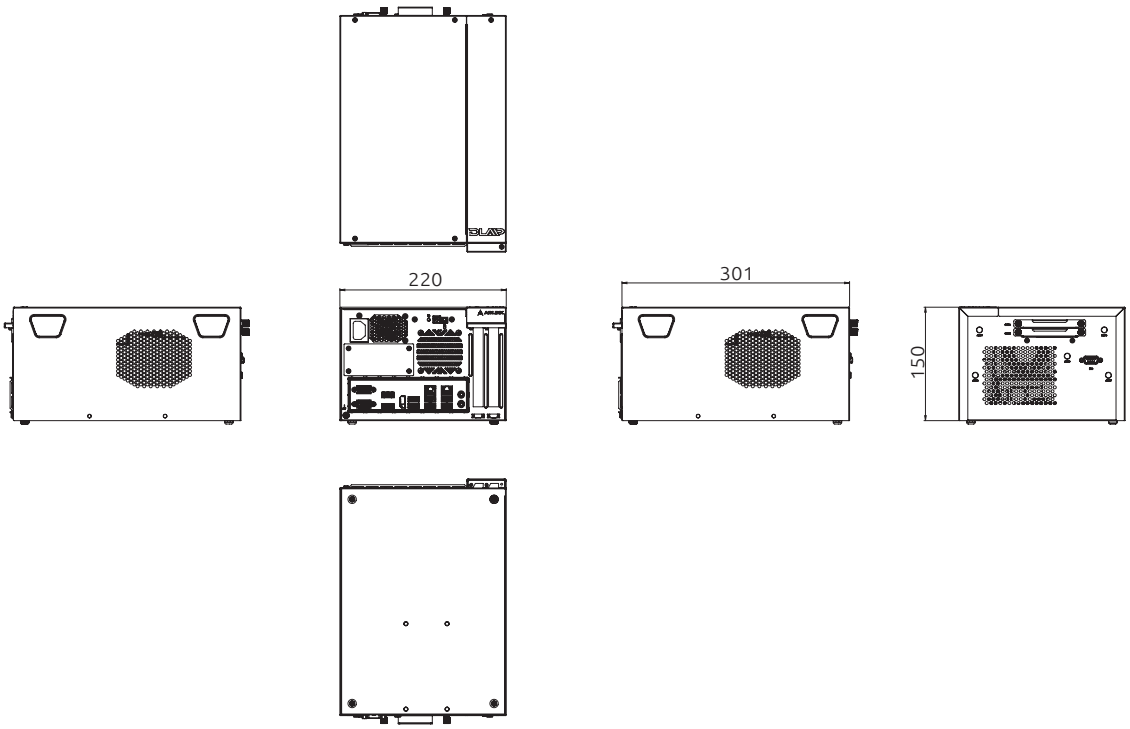
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I/O View





Product Dimensions



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CPU Support List

Family	Number	CPU Core	Frequency	Cache	Processor Base Power	Since BIOS
Bartlett Lake 9	273PE	12	5.7GHz	36MB	65W	2.02.10
Bartlett Lake 9	273PTE	12	5.5GHz	36MB	45W	2.02.10
Bartlett Lake 7	251E	24	2.1GHz	36MB	65W	2.00.10
Bartlett Lake 7	251TE	24	1.4GHz	36MB	45W	2.00.10
Bartlett Lake 7	253PE	10	5.5GHz	33MB	65W	2.02.10
Bartlett Lake 7	253PTE	10	5.4GHz	33MB	45W	2.02.10
Bartlett Lake 5	221E	14	2.7GHz	24MB	65W	2.00.10
Bartlett Lake 5	221TE	14	1.8GHz	24MB	45W	2.00.10
Bartlett Lake 5	211E	10	2.7GHz	20MB	65W	2.00.10
Bartlett Lake 5	211TE	10	1.7GHz	20MB	45W	2.00.10
Bartlett Lake 5	223PE	8	5.4GHz	24MB	65W	2.02.10
Bartlett Lake 5	223PTE	8	5.4GHz	24MB	45W	2.02.10
Bartlett Lake 3	201E	4	3.6GHz	12MB	60W	2.00.10
Bartlett Lake 3	201TE	4	2.9GHz	12MB	45W	2.00.10
Alder Lake-S	i9-12900TE	16	1.1GHz	30MB	65W	1.00.10
Alder Lake-S	i9-12900E	16	2.3GHz	30MB	65W	1.00.10
Alder Lake-S	i7-12700TE	12	1.4GHz	25MB	35W	1.00.10
Alder Lake-S	i7-12700E	12	2.1GHz	25MB	65W	1.00.10
Alder Lake-S	i5-12500TE	6	1.9GHz	18MB	35W	1.00.10
Alder Lake-S	i5-12500E	6	2.9GHz	18MB	65W	1.00.10
Alder Lake-S	i3-12100TE	4	2.1GHz	12MB	35W	1.00.10
Alder Lake-S	i3-12100E	4	3.2GHz	12MB	60W	1.00.10
Alder Lake-S	G7400TE	2	3.0GHz	6MB	35W	1.00.10
Alder Lake-S	G7400E	2	3.6GHz	6MB	46W	1.00.10
Alder Lake-S	G6900TE	2	2.4GHz	4MB	35W	1.00.10
Alder Lake-S	G6900E	2	3.0GHz	4MB	46W	1.00.10
Raptor Lake-S	i9-13900TE	24	1.0GHz	36MB	35W	1.00.10
Raptor Lake-S	i9-13900E	24	1.8GHz	36MB	65W	1.00.10
Raptor Lake-S	i7-13700TE	16	1.1GHz	30MB	35W	1.00.10
Raptor Lake-S	i7-13700E	16	1.9GHz	30MB	65W	1.00.10
Raptor Lake-S	i5-13500TE	14	1.3GHz	24MB	35W	1.00.10
Raptor Lake-S	i5-13500E	14	2.4GHz	24MB	65W	1.00.10
Raptor Lake-S	i5-13400E	10	2.4GHz	20MB	65W	1.00.10
Raptor Lake-S	i3-13100TE	4	2.4GHz	12MB	35W	1.00.10
Raptor Lake-S	i3-13100E	4	3.3GHz	12MB	65W	1.00.10
Raptor Lake-S Refresh	i9-14900T	24	1.1GHz	36MB	35W	1.00.10
Raptor Lake-S Refresh	i9-14900	24	2.0GHz	36MB	65W	1.00.10
Raptor Lake-S Refresh	i7-14700T	20	1.3GHz	33MB	35W	1.00.10
Raptor Lake-S Refresh	i7-14700	20	2.1GHz	33MB	65W	1.00.10
Raptor Lake-S Refresh	i5-14500T	14	1.7GHz	24MB	35W	1.00.10
Raptor Lake-S Refresh	i5-14500	14	2.6GHz	24MB	65W	1.00.10
Raptor Lake-S Refresh	i5-14400T	10	1.5GHz	20MB	35W	1.00.10
Raptor Lake-S Refresh	i5-14400	10	2.5GHz	20MB	65W	1.00.10
Raptor Lake-S Refresh	i3-14100T	4	2.7Ghz	12MB	35W	1.00.10
Raptor Lake-S Refresh	i3-14100	4	3.5GHz	12MB	60W	1.00.10
Raptor Lake-S Refresh	300T	2	3.4GHz	6MB	35W	1.00.10
Raptor Lake-S Refresh	300	2	3.9GHz	6MB	46W	1.00.10

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