

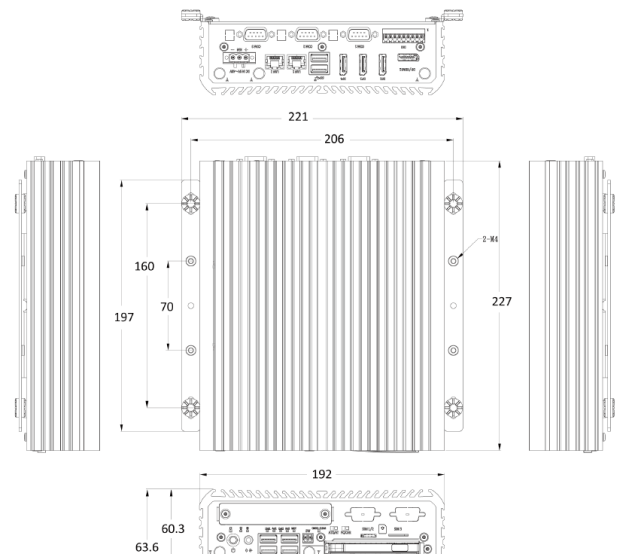
AdiCS8148



FEATURES

- 第12/13/14世代 Intel® Raptor Lake-S/Alder Lake プロセッサ (LGA1700、35W TDP) 搭載
- Intel® Q670E Express チップセット搭載
- ディスプレイ出力: DisplayPort x4、HDMI x1 (1ポートはDisplayPortと共有、4画面独立表示対応)
- Intel® 2.5GbE x2 (Wake-on-LAN/PXE対応)、外部SIMスロット x3
- 2.5インチ SATA SSDベイ x2 (1基は内部)、RAID 0/1/5対応
- M.2 E Key x1、M.2 B Key x2
- RS-232/422/485 x3、USB 3.2 Gen2 x6 (10Gbps)
- 広範囲電源入力 (9~48V DC)、AT/ATXモード対応
- TPM 2.0対応

外形寸法図



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Specifications

SFF Computer with LGA 1700
for Intel 12/13/14th Gen Processor

仕様



SYSTEM	Processor	Support 12/13/14th Gen Intel® ADL & RPL S Processor (LGA 1700, 35W TDP) - Intel® Core™ i9-14900T/i9-13900TE/i9-12900TE, up to 24 Cores, up to 5.5 GHz - Intel® Core™ i7-14700T, up to 20 Cores, up to 5.2 GHz - Intel® Core™ i7-13700TE/i7-12700TE, up to 16 Cores, up to 4.8 GHz - Intel® Core™ i5-14500T/i5-13500TE/i5-12500TE, up to 14 Core, up to 4.8 GHz - Intel® Core™ i3-14100T/i3-13100TE/i3-12100TE, up to 4 Cores, up to 4.4 GHz - Intel® Core™ 300T, up to 2 Cores, up to 3.4 GHz - Intel® Pentium® G7400TE, 2 Cores, 3.0 GHz - Intel® Celeron® G6900TE, 2 Cores, 2.4 GHz
	System Chipset	Intel® Q670E Express Chipset
	LAN Chipset	2.5 GbE1: Intel I226 (Support Wake-on-LAN and PXE, Support TSN) 2.5 GbE2: Intel I226 (Support Wake-on-LAN and PXE, Support TSN)
	Audio Codec	Realtek ALC885
	System Memory	1x DDR5 4800/5600MHz SODIMM. Max. up to 32GB
	Graphics	Integrated Intel® UHD Graphics 770/730
	BIOS	AMI 256Mbit SPI BIOS
	Watchdog	Software Programmable Supports 1~255 sec. System Reset
	AI Accelerator	Supports up to 4x Hailo-8™ modules
	TPM	TPM 2.0
DISPLAY	Display Port	4x DisplayPort 1.4a, support resolution 4096 x 2304, Up to 7680 x 4320 (1x DP Port Co-layout HDMI Connector)
	HDMI	Yes, Shared by 1x DP port
	Multiple Display	4x Independent Displays
STORAGE	SSD/HDD	1x 9mm 2.5" SATA SSD Bay (Internal) 1x 7mm 2.5" SATA SSD Bay (Hot-swappable) Support RAID 0, 1, 5
EXPANSION	M.2 B-Key	1x M.2 B key Type: 2242/3042/3052 • Support PCIe x2/PCIe x1 & USB 3.2 Gen1 • Support NVMe Storage/Hailo AI Module/4G/5G 1x M.2 B key Type: 2242/3042/3052 • Support PCIe x2/SATA signal • Support NVMe/SATA Storage/Hailo AI Module/4G/5G
	M.2 E-Key	1x M.2 E key slot (2230) • Support PCIe x1 & USB 2.0; Support CNVi • Support Wifi Module
	SIM Socket	1x External Mini (Standard) SIM socket 1x External Dual Nano SIM socket
	Expansion Modules	EDGEBoost I/O Bracket: • 4-port 1GbE module with Intel® I350 Chipset, RJ-45 or M12 connector (PoE optional) • 2-Port 10GbE RJ45 with Intel X710 Chipset • 4-Port USB with Renesas uPD720201K8 host controller (share PCIe Gen2 x1 bandwidth) • 1x RJ45 port for OOB Management Module • 1x M.2 M-Key (PCIe x4 Lane, 2242/2260) for NVMe/AI Module • 2x M.2 B-Key 2242/3042/3052: - 2x M.2 (PCIe x2 Lane) for NVMe/AI Module or - 1x M.2 (PCIe x2 Lane) for NVMe/AI Module and 1x M.2 (PCIe x1 Lane + USB 3.2 Gen 1) for 4G/5G Module, 1x External SIM socket (M.2 attached)
I/O	Audio	1x Line-out
	CAN	2x CAN 2.0 A/B 2-pin Internal header
	COM	3x RS-232/422/485; 2x RS-232/422/485 Internal header
	DIO	8 in / 8 out (Isolated)
	LAN	2x 2.5GbE RJ45
	USB	6x USB 3.2 Gen 2 (10Gbps)
	Others	5x WiFi Antenna Holes 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off 1x PC/Car Mode Switch, 1x Delay Time Switch 1x Clear CMOS Switch 1x Mic In Header (Internal)
OS	Windows	Windows 10/11
	Linux	Linux kernel 5.x
POWER	Power Adapter	Optional AC/DC 24V/9.2A, 220W, Optional AC/DC 24V/11.67A, 280W
	Power Mode	AT, ATX
	Power Ignition Sensing	Power Ignition Management
	Power Supply Voltage	9~48VDC
	Power Connector	3-pin Terminal Block
	Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) Reverse Protection
ENVIRONMENT	Operating Temperature	UL: -25°C to 50°C (35W CPU), CE/FCC/IC: -25°C to 70°C (35W CPU)
	Storage Temperature	-30°C to 85°C
	Relative Humidity	10% to 95% (non-condensing)
	Certification	UL 61010-1, UL 61010-2-201, CE, FCC Class A, EMC Conformity with EN50155 & EN50121-3-2
	Vibration	With HDD: 1 Grms (5 - 500 Hz, 0.5 hr/axis) With SSD: 5 Grms (5 - 500 Hz, 0.5 hr/axis)
	Shock	With SSD: 50G half-sin 11ms
PHYSICAL	Dimensions	192 (W) x 227 (D) x 60.3 (H) mm
	Weights	2.8kg ~ 3.6 kg
	Construction	Extruded Aluminum with Heavy Duty Metal
	Mounting Options	Wall Mounting kit with Vibration Isolation, DIN Rail Mounting (optional)

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