

Features:

- Supports Intel® 12th / 13th / 14th Gen Core™ / Pentium® / Celeron® desktop processors
- 2 × DDR4 SO-DIMM slots, supports up to 64 GB
- 2 × Realtek Gigabit Ethernet ports
- 4 × USB 5 Gbps Type-A ports + 8 × USB 2.0 Type-A ports
- Dual display outputs: HDMI + VGA
- Supports Wi-Fi / 4G wireless expansion
- Supports desktop and wall-mount installation
- Active cooling with PWM fan



Remote Management



Status
Monitoring



Remote Operations and
Maintenance



Security
Control

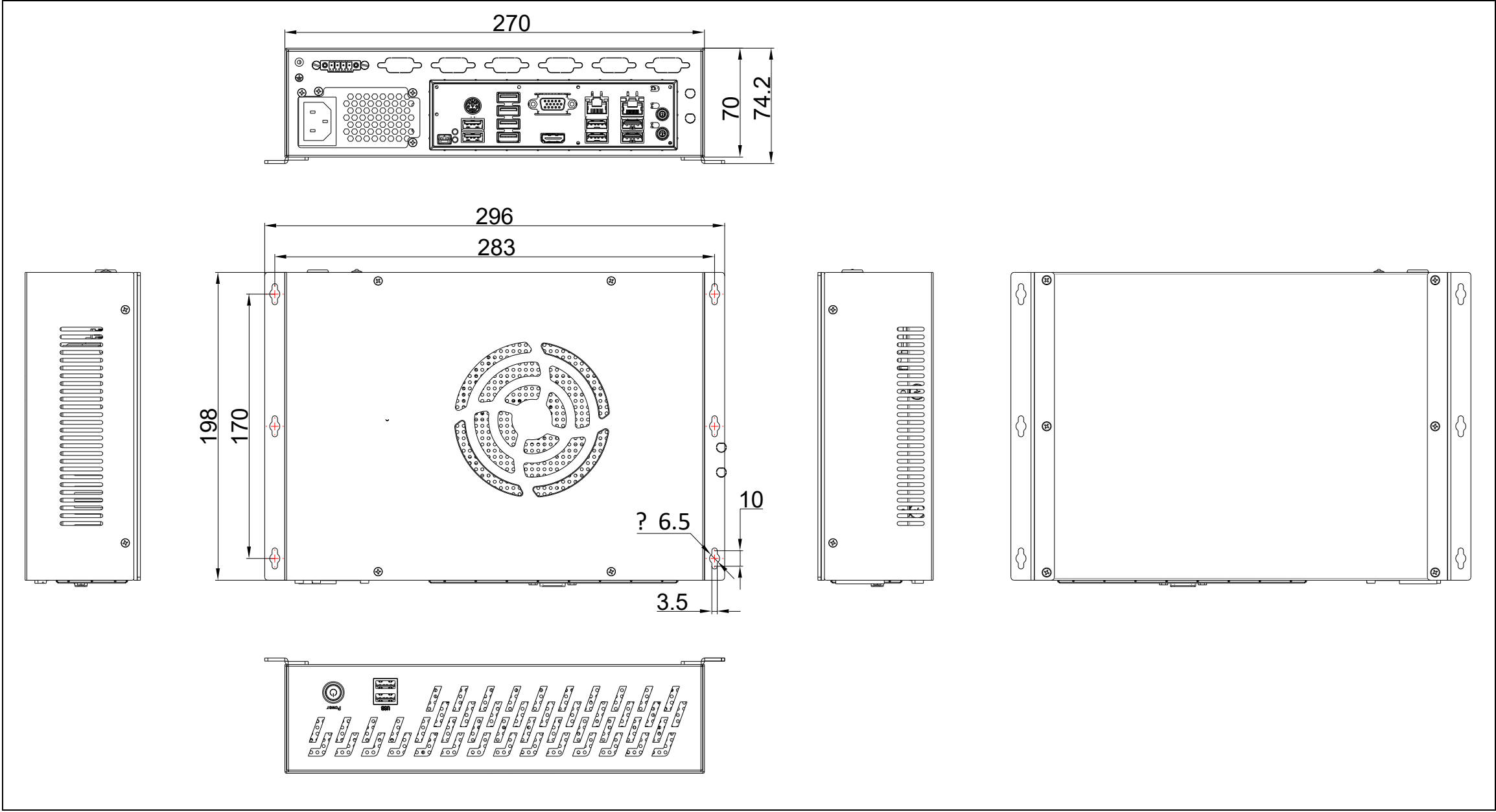
Product Specifications

Model	C7I-H610A2	
Processing System	CPU	Supports Intel® 12th / 13th / 14th Gen Core™ / Pentium® / Celeron® desktop processors
	Typical Power Consumption	65W
	Socket	LGA1700
	Chipset	H610
	BIOS	AMI UEFI BIOS
Memory	Slot	2 × U-DIMM slots, dual-channel DDR4-3200 MT/s supported
	Capacity	64 GB, maximum 32 GB per module
Network	Network Controller	2 × Realtek® RTL8111H Gigabit Ethernet controllers
Storage	SATA	1 × SATA 3.0 port
	M.2	1 × M.2 Key-M slot (PCIe Gen3 x4, 2280)
Expansion Slots	M.2	1 × M.2 Key-E slot (PCIe x1 + USB 2.0, supports Wi-Fi + BT, 2230)
Rear I/O	Ethernet	2 × RJ45 ports
	USB	4 × USB 5 Gbps Type-A ports 6 × USB 2.0 Type-A ports
	PS/2	1 × PS/2 combo port (supports keyboard and mouse)
	Display	1 × HDMI port: up to 4096 × 2160 @ 30 Hz 1 × VGA port: up to 1920 × 1200 @ 60 Hz
	Audio	2 × 3.5 mm audio jacks (Line-out + MIC)
	External Signal	1 × external signal connector 1 (includes power on/off signal) 1 × external signal connector 2 (includes power on/off + reset + power LED signals)
	LED	1 × power status LED 1 × HDD status LED
Front I/O	USB	2 × USB 2.0 Type-A ports
	Buttons	1 × power button
Internal I/O	Serial Port	10 × RS-232 pin headers [1]
	SATA	1 × SATA 3.0 port
	Audio	1 × front audio header (Line-Out + MIC)
	General I/O	1 × 8-channel digital I/O header (default 4 inputs + 4 outputs; logic-level only, no load-driving capability)
	Fan	1 × system fan header 1 × CPU fan header
Power	Type	ATX
	Input Voltage	Voltage range depends on selected power supply
	RTC Battery	CR2032 coin-cell battery
System	Windows	Win 10/11
	Linux	Linux
Trusted Platform	TPM	fTPM
Watchdog	Output Signal	System reset
	Programmable Interval	1–255 seconds
Mechanical	Chassis Material	Galvanized steel
	Chassis Dimensions	270mm(L) * 198mm(W) * 70mm(H)
	Mounting Method	Wall-mount / desktop
Environment	Cooling Method	Smart fan cooling
	Operating Temperature	-20 ~ 60°C
	Storage Temperature	-20 ~ 75°C
	Relative Humidity	5 to 95%, non-condensing

Notes:

[1] The system supports expansion of up to six DB9 male RS-232 interfaces. Optional configuration.

Product Dimension



Product I/O

