



Features:

- Powered by Intel® Core™ Ultra-U series mobile processors
- 1 × DDR5 S0-DIMM slot, supports up to 32 GB
- 4 × Intel® Gigabit Ethernet ports
- 4 × USB 5 Gbps Type-A ports
- 1 × HDMI digital display interface
- Supports Wi-Fi / 4G wireless expansion
- Supports desktop, wall-mount, and DIN-rail installation
- Active cooling with PWM fan
- Ultra-compact chassis

Remote Management

Status Monitoring

Remote Operations and Maintenance

Security Control

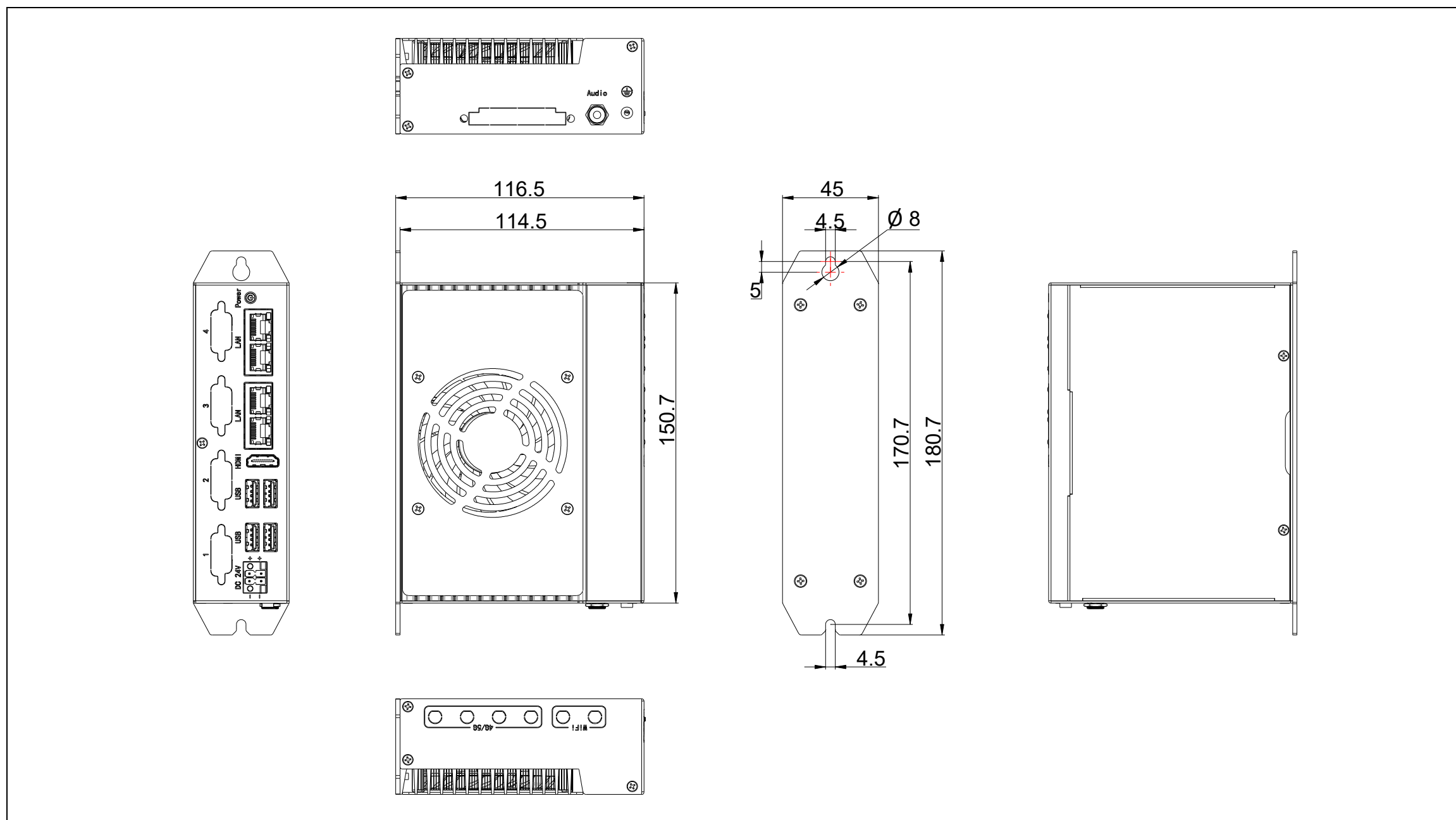
Product Specifications

Model		C6
CPU	CPU	Intel® Core™ Ultra 5 125U processor, TDP = 15 W
	Base Frequency (P-Core)	1.3 GHz
	Max Turbo Frequency	4.3 GHz
	Cache	12MB
	Cores / Threads	2P+8E+2LE/14
	Chipset	S0C
	BIOS	AMI UEFI BIOS
Memory	Socket	1 × DDR5 S0-DIMM slot, 5600 MT/s
	Maximum Capacity	32GB
Display	Graphics	Intel® Graphics
Network	Network Controller	4 × Intel® i210-AT network controllers (10/100/1000 Mbps)
Storage	M.2	1 × M.2 Key-M slot (PCIe x4 signal, supports NVMe SSD, 2280)
Expansion	Mini PCIe	1 × Mini PCIe slot (PCIe x1 + USB 2.0 signals, supports 4G / Wi-Fi / CAN, etc.)
	M.2	1 × M.2 Key-E slot (PCIe x1 + USB 2.0 signals, supports Wi-Fi + BT, 2230)
	Serial Port	1 × RS-232 / RS-485 (COM1, DB9 male, optional) [1] 1 × RS-232 (COM2, DB9 male, optional) [1]
External I/O	USB	4* USB 5Gbps (Type-A)
	Ethernet	4 × RJ45 ports
	Display	1 × HDMI port (maximum resolution up to 3840 × 2160 @ 30 Hz)
	Audio	1 × 3.5 mm 2-in-1 audio jack (Line-Out + MIC, CTIA standard)
	Button	1 × Power button
Power Supply	Type	DC
	Input Voltage	24V
	Connector	1 × 2 × 2-pin power input connector (P = 3.5 mm)
	RTC Battery	CR2032 coin-cell battery
OS Support	Windows	Windows 10/11
	Linux	Linux (kernel 6.9 or later)
Watchdog	Output	System reboot
	Interval	1 - 255 seconds, programmable
Mechanical	Chassis Material	Heatsink: Aluminum alloy Top / bottom panels: Galvanized steel Bottom cover: Galvanized steel
	Dimensions	150.7mm (L) * 114.5mm (W) * 45mm (H)
	Mounting	Wall-mount, DIN-rail, desktop
Environment	Cooling System	Fanless passive cooling
	Operating Temperature	0 to 60 ° C (with industrial SSD)
	Storage Temperature	-40 to 80 ° C (with industrial SSD)
	Humidity	5 to 90% RH (non-condensing)
	Vibration	IEC 60068-2-64 (3 Grms @ 5 - 500 Hz, random, 1 hr/axis, with SSD)
	Shock	IEC 60068-2-27 (30 G, half-sine, 11 ms, with SSD)

Notes:

[1] Signals provided by the motherboard and routed via DB9 knock-out holes. Optional configuration.

Product Dimension



Product I/O

