





Features:

- Powered by Intel® 12th Gen Core™ i3 / i5 / i7-U series mobile processors
- 1 × DDR4 S0-DIMM slot, supports up to 32 GB
- 2 × Intel® Gigabit Ethernet ports
- 6 × USB 5 Gbps Type-A ports
- Dual display outputs: HDMI + DP
- Supports Wi-Fi / 4G / 5G wireless expansion
- Supports desktop, wall-mount, and DIN-rail installation
- Fanless design with passive cooling
- Ultra-compact chassis

Remote Management

Status Monitoring

Remote Operations and Maintenance

Security Control

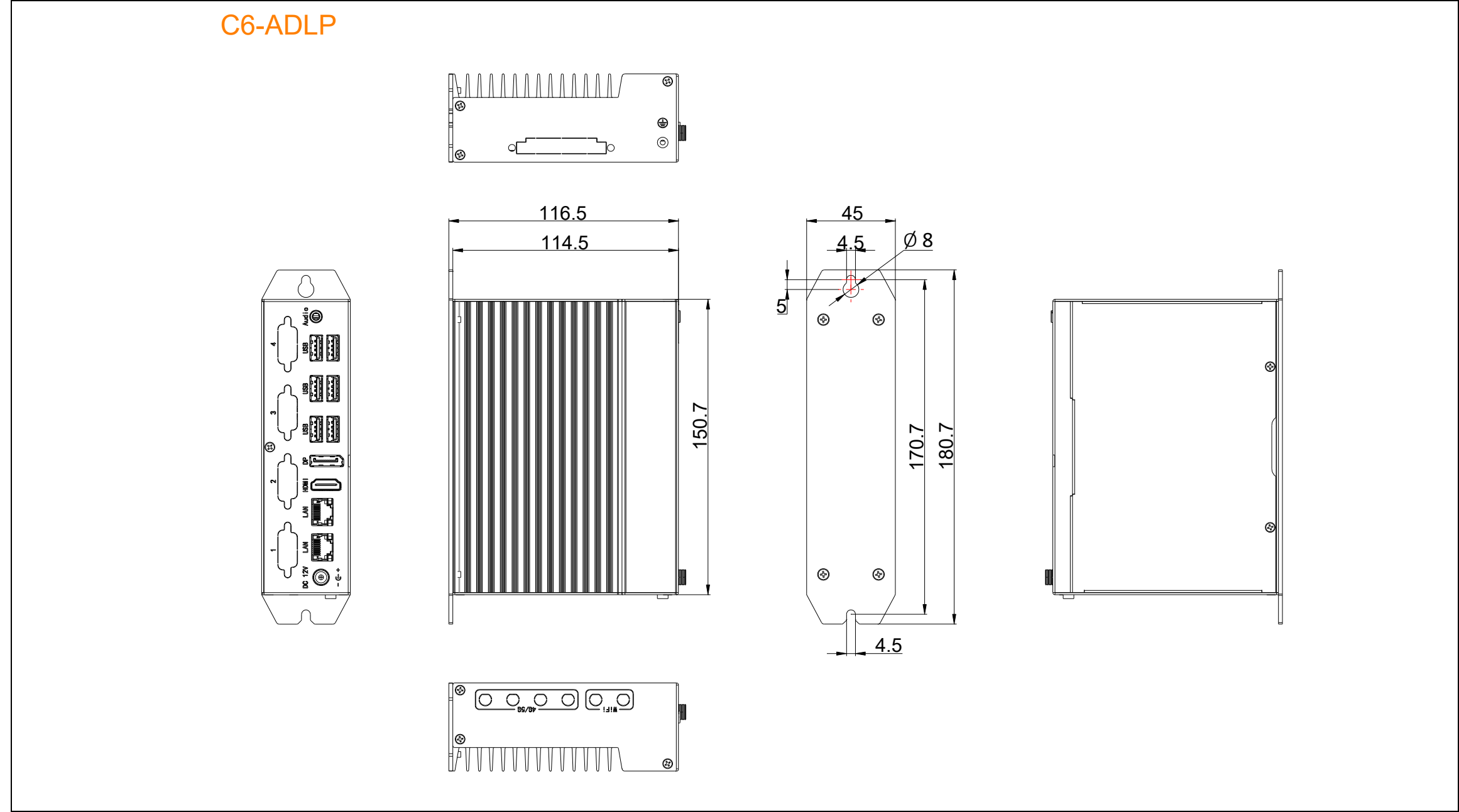
Product Specifications

Model		C6
CPU	CPU	Intel® Core™ 12th Gen i3 / i5 / i7-U series processor, TDP = 15 W
	Chipset	S0C
	BIOS	AMI UEFI BIOS
Memory	Socket	1 × DDR4 S0-DIMM slot, 3200 MT/s
	Maximum Capacity	32GB
Display	Graphics	Intel® Graphics
Network	Network Controller	1 × Intel® i219 network controller (10/100/1000 Mbps) 1 × Intel® i226 network controller (10/100/1000 Mbps)
Storage	M. 2	1 × M.2 Key-M slot (PCIe x4 signal, supports NVMe SSD, 2280)
Expansion	M. 2	1 × M.2 Key-E slot (PCIe x1 signal, supports Wi-Fi, 2230) 1 × M.2 Key-B slot (PCIe x1 + USB 3.0 + USB 2.0 signals, supports 4G / 5G, 3042 / 3052)
	Serial Port	4 × RS-232 (COM1 - COM4, DB9 male, optional) [1] 1 × RS-485 (COM6, DB9 male, optional) [1]
External I/O	USB	6* USB 5Gbps (Type-A)
	Ethernet	2 × RJ45 ports
	Display	1 × HDMI port (maximum resolution up to 2048 × 1080 @ 60 Hz) 1 × DP++ port (maximum resolution up to 4096 × 2304 @ 60 Hz)
	Audio	1 × 3.5 mm 2-in-1 audio jack (Line-Out + MIC, CTIA standard)
Power Supply	Type	DC
	Input Voltage	12V
	Connector	1 × Power input connector (DC 5.5 × 2.5 mm)
	RTC Battery	CR2032 coin-cell battery
OS Support	Windows	Windows 10/11
	Linux	Linux (kernel 5.15 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; up to four DB9 male connectors can be exposed. Optional configuration.

Product Dimension



Product I/O

