

# Embedded Industrial PC E6

## Series 11<sup>th</sup>-U Platform



### Features:

- Utilizes Intel® 11th-U mobile platform CPU
- Integrates dual Intel® Gigabit network cards
- Two onboard display interfaces
- Supports dual hard drive storage, with 2.5" hard drive featuring a pull-out design
- Supports APQ aDoor Bus module expansion
- Supports WiFi/4G wireless expansion
- Supports 12~28V DC wide voltage power supply
- Compact body, fanless design, with detachable heatsink



Remote Management



Status Monitoring



Remote Operations and Maintenance



Security Control

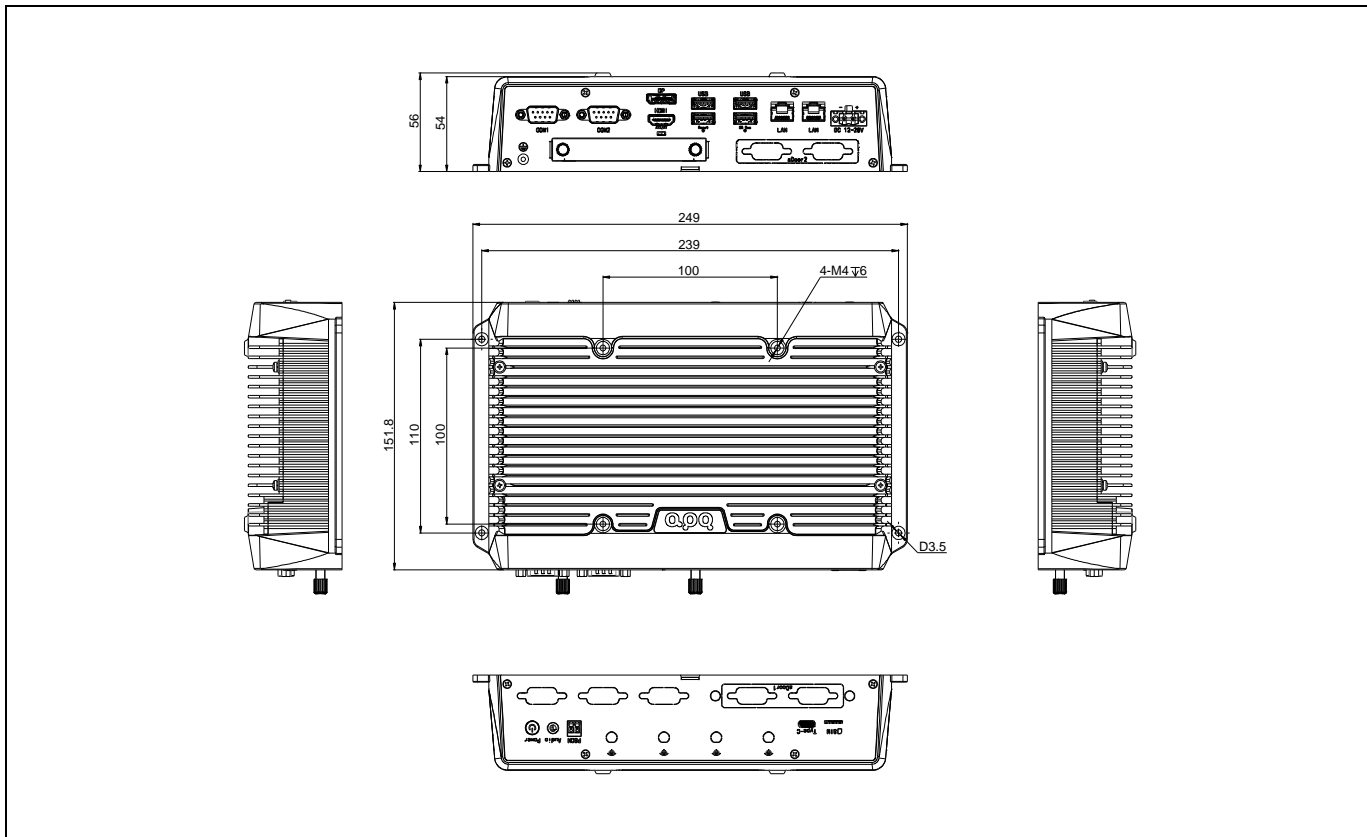
### Product Specifications

Model	E6	
Processor System	CPU	Intel® 11 <sup>th</sup> Generation Core™ i3/i5/i7 Mobile -U CPU
	Chipset	SOC
	BIOS	AMI EFI BIOS
Memory	Socket	2 * DDR4-3200 MHz SO-DIMM Slot
	Max Capacity	64GB, Single Max. 32GB
Graphics	Controller	Intel® UHD Graphics/Intel® Iris® Xe Graphics (dependent on CPU type)
Ethernet	Controller	1 * Intel® i210-AT (10/100/1000/2500 Mbps, RJ45)
		1 * Intel® i219 (10/100/1000 Mbps, RJ45)
Storage	SATA	1 * SATA3.0 Connector
	M.2	1 * M.2 Key-M (PCIe x4 Gen 3 + SATA3.0, Auto Detect, 2280)
Expansion Slots	aDoor Bus	1 * aDoor Bus (16*GPIO + PCIe*2 + 1*LPC)
	Mini PCIe	1 * Mini PCIe Slot (PCIe x1+USB 2.0, with 1 * SIM Card)
		1 * Mini PCIe Slot (PCIe x1+USB 2.0)
Front I/O	USB	2 * USB3.2 Gen2x1 (Type-A)
		2 * USB3.2 Gen1x1 (Type-A)
	Ethernet	2 * RJ45
Display	Display	1 * DP: up to 4096x2304 @ 60Hz
		1 * HDMI (Type-A): up to 3840x2160 @ 24Hz

	Serial	2 * RS232/485 (COM1/2, DB9/M, BIOS control)
	Switch	1 * AT/ATX Mode Switch (Enable/Disable automatically power on)
	Button	1 * Reset (hold down 0.2 to 1s to restart, 3s to clear CMOS) 1 * OS Rec (system recovery)
	Power	1 * Power Input Connector (12~28V)
Rear I/O	USB	1 * Type-C
	SIM	1 * Nano SIM Card Slot
	Button	1 * Power Button + Power LED 1 * PS_ON
	Audio	1 * 3.5mm Audio Jack (Line-Out + MIC, CTIA)
Internal I/O	Front Panel	1 * Front Panel (wafer, 3x2Pin, PHD2.0)
	FAN	1 * CPU FAN (wafer) 1 * SYS FAN (wafer)
	Serial	1 * COM3/4 (wafer) 1 * COM5/6 (wafer)
	USB	4 * USB2.0 (wafer)
	Display	1 * LVDS (wafer)
	LPC	1 * LPC (wafer)
	Storage	1 * SATA3.0 7Pin Connector 1 * SATA Power
	Audio	1 * Speaker (2-W (per channel)/8-Ω Loads, wafer)
	GPIO	1 * 16bits DIO (8xDI and 8xDO, wafer)
Power Supply	Type	DC
	Power Input Voltage	12~28VDC
	Connector	1 * 2Pin Power Input Connector (P=5.08mm)
	RTC Battery	CR2032 Coin Cell
OS Support	Windows	Windows 10
	Linux	Linux
Watchdog	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Mechanical	Enclosure Material	Radiator: Aluminum, Box: SGCC
	Dimensions	249mm(L) * 152mm(W) * 55.5mm(H)
	Weight	Net: 1.8Kg Total: 2.8Kg
	Mounting	VESA, Wallmount, Desk mounting
Environment	Heat Dissipation System	Passive heat dissipation
	Operating Temperature	-20~60°C
	Storage Temperature	-40~80°C
	Relative Humidity	5 to 95% RH (non-condensing)
	Vibration During Operation	With SSD: IEC 60068-2-64 (3Grms@5~500Hz, random, 1hr/axis)
	Shock During Operation	With SSD: IEC 60068-2-27 (30G, half sine, 11ms)



## Product Dimensions



## Product I/O

