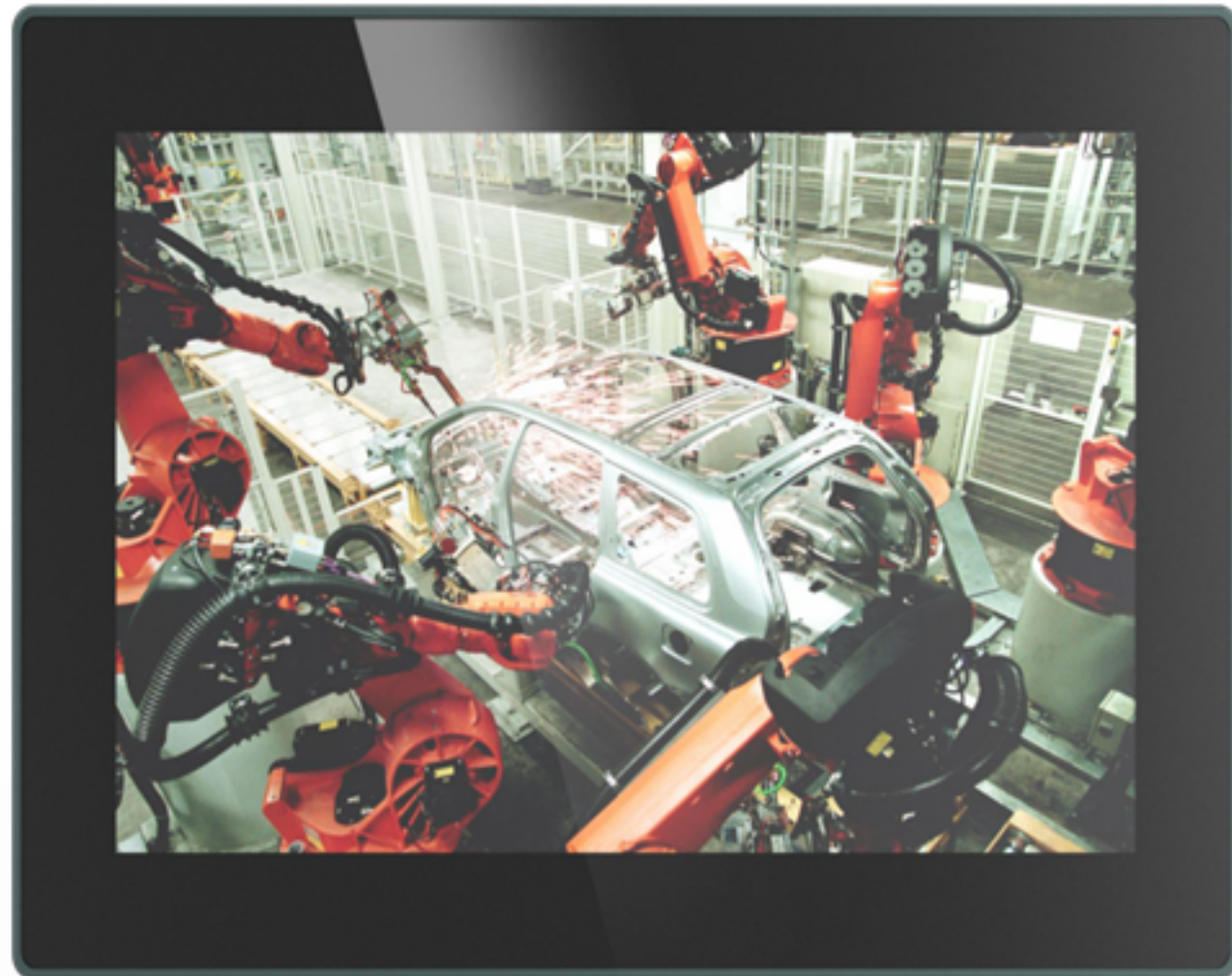




# TABT-1010E: Advanced Industrial Tablet PC



The TABT-1010E is a powerful industrial tablet PC featuring Intel® Elkhart Lake SoC processors. With its rugged design and versatile capabilities, it's ideal for smart MES systems and equipment management HMI applications across various industries.

# Robust Design and Display

## Durable Construction

Die-cast aluminium alloy body ensures durability in harsh industrial environments.

## Advanced Display

10.1-inch TFT LCD with multi-point capacitive or 5-wire resistive touch options.

## Efficient Cooling

Fanless design with Intel® Elkhart Lake SoC CPU for reliable performance.

# Powerful Performance and Connectivity

1

## High-Speed Memory

Supports up to 32GB DDR4 3200MHz SODIMM for rapid data processing.

2

## Expandable Storage

Features MiniPCIe and M.2 B-Key Type 3042/3052 expansion slots for customisation.

3

## Comprehensive I/O

Multiple ports including COM, LAN, and USB3.2 for versatile connectivity options.



# Versatile Storage and Power Options



## Flexible Storage

2.5-inch SATA drive and Msata support for ample data storage capacity.



## Audio Output

Line out and 2x2W amplifier for clear audio in noisy environments.



## Wide-Range Power

DC 9~36V input for compatibility with various power sources.



## Mounting Options

VESA and panel mount compatibility for flexible installation.

# Advanced Processing and Graphics

CPU Options	Celeron J6412 or N6210
Chipset	Intel® CPU SoC MCP
Memory	Up to 32GB DDR4 3200MHz
BIOS	AMI EFI BIOS, 128Mbit SPI flash
Graphics	Intel UHD or Iris® Xe Graphics

# Extensive Connectivity Options

1

## Versatile COM Ports

2x COM ports supporting RS232/422/485 for legacy device compatibility.

2

## High-Speed USB

4x USB3.1 Type A ports for fast data transfer and device connectivity.

3

## Dual Ethernet

2x Intel I226V Gigabit Ethernet ports with WoL support.

4

## Display Output

HDMI port supporting up to 4096x2304@60Hz resolution.

# Rugged Environmental Specifications

## **Temperature Tolerance**

Operates in -20~50°C, stores in -20~60°C for extreme conditions.

## **Shock and Vibration Resistant**

Withstands 10G peak acceleration and 1G 5~500Hz vibration.

## **Versatile Mounting**

Panel mount (403x251mm cutout) or VESA 75x75mm and 100x100mm options.

## **Compact and Lightweight**

Measures 270x188x51mm and weighs only 1.85KG for easy installation.

# High-Performance Display Specifications

1

## Crisp Resolution

1280x800@60Hz resolution with 16.2M colours for clear visuals.

2

## Bright and Visible

350 cd/m<sup>2</sup> brightness and wide 85° viewing angles for easy reading.

3

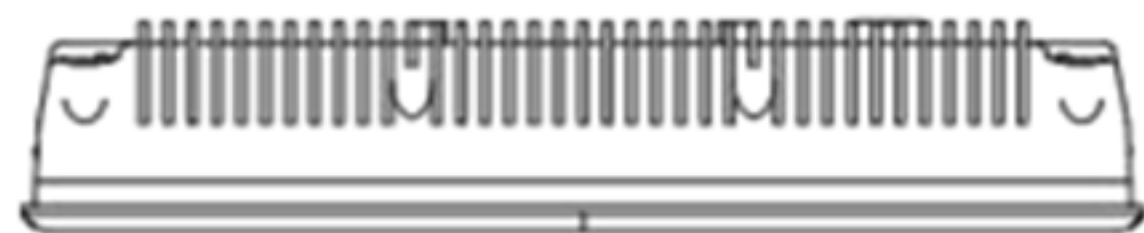
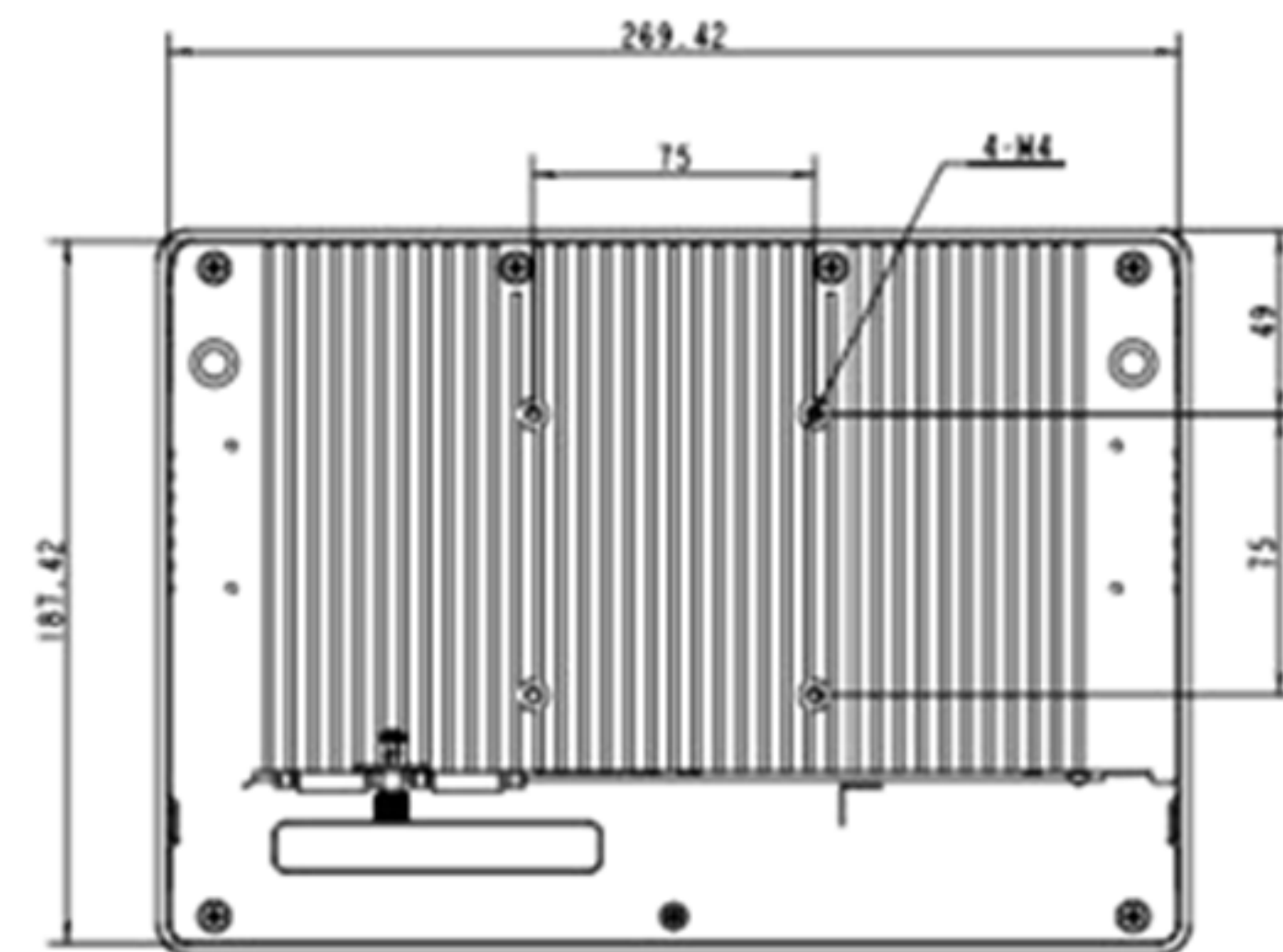
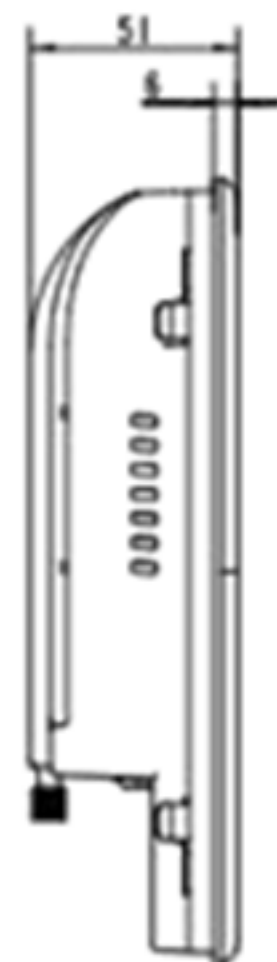
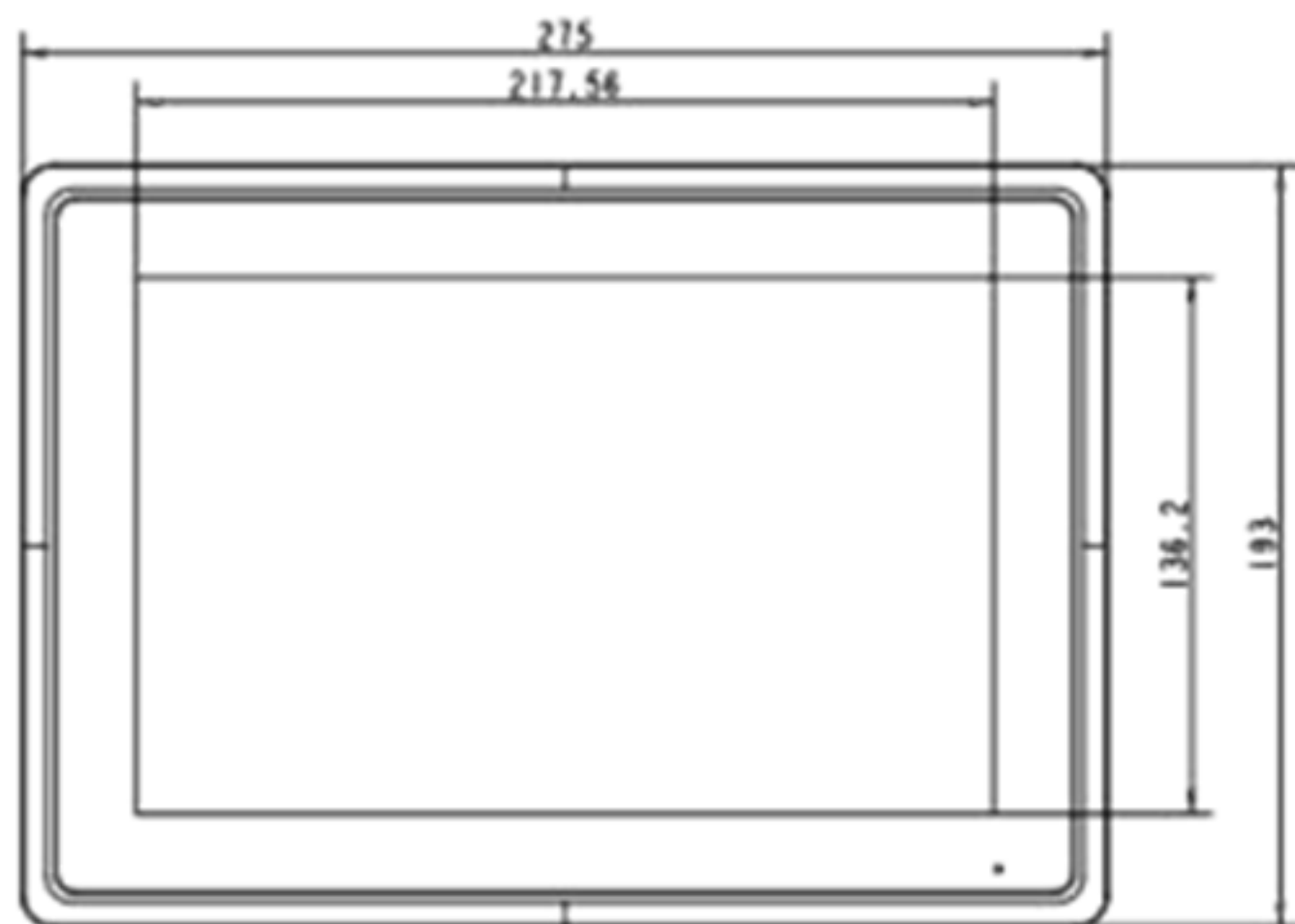
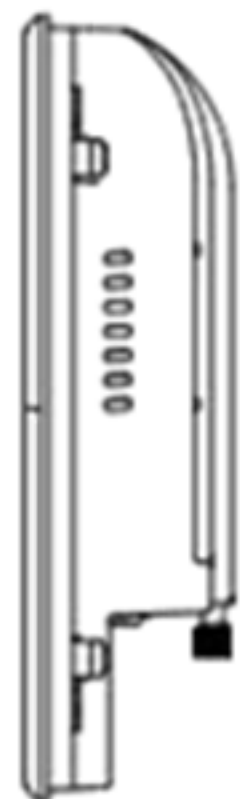
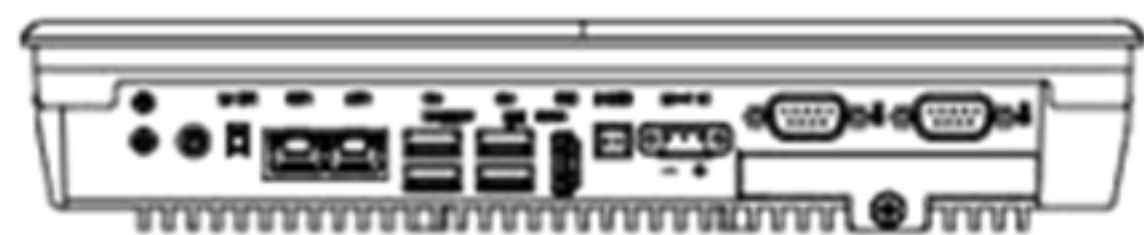
## Durable Performance

0~50°C operating temperature and 15,000-hour backlight life for longevity.



# Dimension

Unit:mm



System	CPU	Intel® Elkhart lake SoC CPU: Celeron J6412 2.0-2.6GHz 4-core 4-thread or Celeron N6210 1.2-2.6GHz dual-core dual-thread
	Chipset	Intel® CPU SoC MCP
	System memory	1*DDR4 3200 MHz SODIMM, up to 32GB
	BIOS	AMI EFI BIOS, 128Mbit SPI flash memory
	Storage	1*2.5" SATA HDD bay, support SATA3.0 6Gbps HDD/SSD; 1*mSATA
	Display	10.1 "1280*800@60Hz Full HD TFT LCD, 1*HDMI for extended display Intel UHD Graphics or iRIS® Xe Graphics, Supports the Intel DL boost deep learning to strengthen technology, DirectX12.1, OpenGL 4.6 and OpenCL 3.0, HDMI Max resolution 4096*2304@60Hz
	Expansion	1*Mini PCIe (PCIe&USB signal), supports a functional module with PCIe or USB signals 1*M.2 B-Key Type 3042/3052 with SIM card slot, supports 4G LTE/5G NR
	Audio	Realtek ALC897 controller, support 5.1 channel, 2*2W Speaker
	Real I/O	2*COM: 2*RS232/422/485; 1*HDMI; 1*Line out; 4*USB3.1 Type A ; 2*RJ45; 1*3 pin DC-IN terminal pin; 1*Remote SW
	Front I/O	/
	LAN	2*Intel 210_AT PCIe Gig. Ethernet, 10/100/1000Mbps, support WOL
	Control SW/LED	Power LED, 1*CMOS, 1*AT/ATX, 2-pin terminal remote switch
	Power Supply	DC to DC: 9~36V input, consumption: TBD(CPU Celeron J6412 @2.00GHz, 8G DDR4, 128G SSD)
	OS	Windows 11*IoT enterprise, Windows 10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto
Construction	Aluminum die-casting front bezel , fin-shaped radiator shell	

Mechanical & Environmental	Operating Temperature	TBD
	Storage Temperature	-20~60°C
	Storage Humidity	10~95%@40 , non-condensing
	Shock	10G peak acceleration(duration 11ms), in operating with HDD
	Vibration	1G 5~500Hz, in operating with HDD
	Mounting	Panel mounting (Cut out: 403*251mm), VESA 75*75mm and 100*100mm
	Dimension	(W*H*D): 270*188*51mm
	Net Weight	TBD
	EMC	CE,FCC Class A