

Lite NX Mini Spec

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Lite NX Mini 简介 Brief

米文Lite NX MINI是一款专为智能图像分析设计的嵌入式人工智能计算机，能够为众多终端设备赋予高达21Tops的计算力。Lite NX MINI提供高效的主动散热设计，具有抗冲击和防静电保护。同时Lite NX MINI体积小，接口丰富。

MiiVii Lite NX MINI is an embedded AI supercomputer. It delivers massive computing capabilities and essential features to terminal devices. High performance passive cooling design, with shock resistance and ESD protection. In addition, Lite NX MINI is small-sized but multifunctional.



特性 Features

- 高效主动散热设计

| *High performance Active cooling*

- 0°C-45°C工作温度

| *0°C-45°C Operating temperature*

- 工业级防静电

| *Industrial static protection*

- 体积小高性能

| *Small size And High performance*

产品规格 Specifications

处理器模组 Processor

	Specification
Processor	NVIDIA Jetson Xavier NX
AI Performance	Up to 21T OPS
CPU	6-Core NVIDIA Carmel ARM®v8.2 64 bit CPU 6MB L2 + 4MB L3
GPU	384-Core Volta GPU with 48 Tensor Core
Memory	8GB 128-Bit LPDDR4x 51.2GB/s
DL Accelerator	2×NV DLA Engines
Storage	16GB eMMC 5.1
Video Encode	2x 4Kp30 6x 1080p60 14x 1080p30 (H.265 & H. 264)
Video Decode	2x 4Kp60 4x 4Kp30 12x 1080p60 32x 1080p30 (H.265) 2x 4Kp30 6x 1080p60 16x 1080p30 (H.264)

接口 I/O

	Interface	Quantity	Note
Function Key	Power Button	1	
	Recovery Button	1	
	Reset Button	1	
Network	Ethernet	1×Gigabit Port	RJ45
Video output	HDMI	1×HDMI 2.0 TYPE A	5V 1A
USB	USB	1×USB 3.0 TYPE A 1×USB 2.0 TYPE A 1×USB 2.0 Micro USB	USB 5V, 1A Micro USB as a Flashing Port
I/O	UART	1xRS232 1xTTL	TTL 3.3V
	GPIO	2xDI 3xDO	3.3V
	CAN	1	With CAN chip terminal resistor 120
	I2C	1	

User Expansion	M.2	1×M.2 M Key	2242 NVME SSD
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供电 Power Supply

Power Supply	Spec
Input Type	DC
Input Voltage	12V DC
Typical consumption	18W

结构 Mechanical

Mechanical	Spec
Dimensions (W×H×D)	110mm×62.4mm×65mm
Weight	350g

环境 Environmental

Environmental	Spec
Operating Temperature	0°C-45°C, 0.2~0.3m/s air flow ¹
Storage Temperature	-25°C-80°C
Storage Humidity	10%-90% non-condensing
Vibration	5gn,10Hz~150Hz,3 Axis ²
ESD	Touch 4KV, Air 8KV ³
TVS	1KV

认证 Certification

Certification	Status
CCC, CE, FCC, RoHS, SRRC	Processing

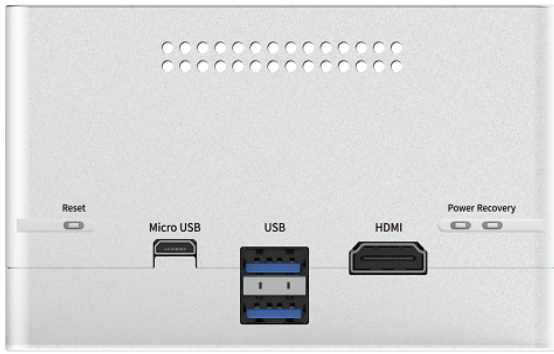
[1] According to GB/T 2423-2008

[2] According to GB/T 2423.10-2008

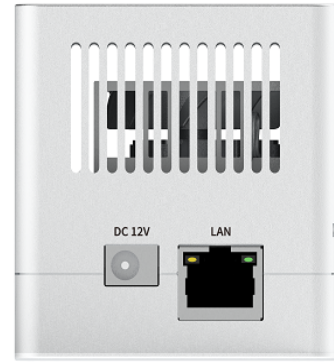
[3] According to IEC 61000-4-2, Level 3

产品外观 Appearance

正视图 Front view	侧视图 Side view
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俯视图 Top view



后视图 Rear view

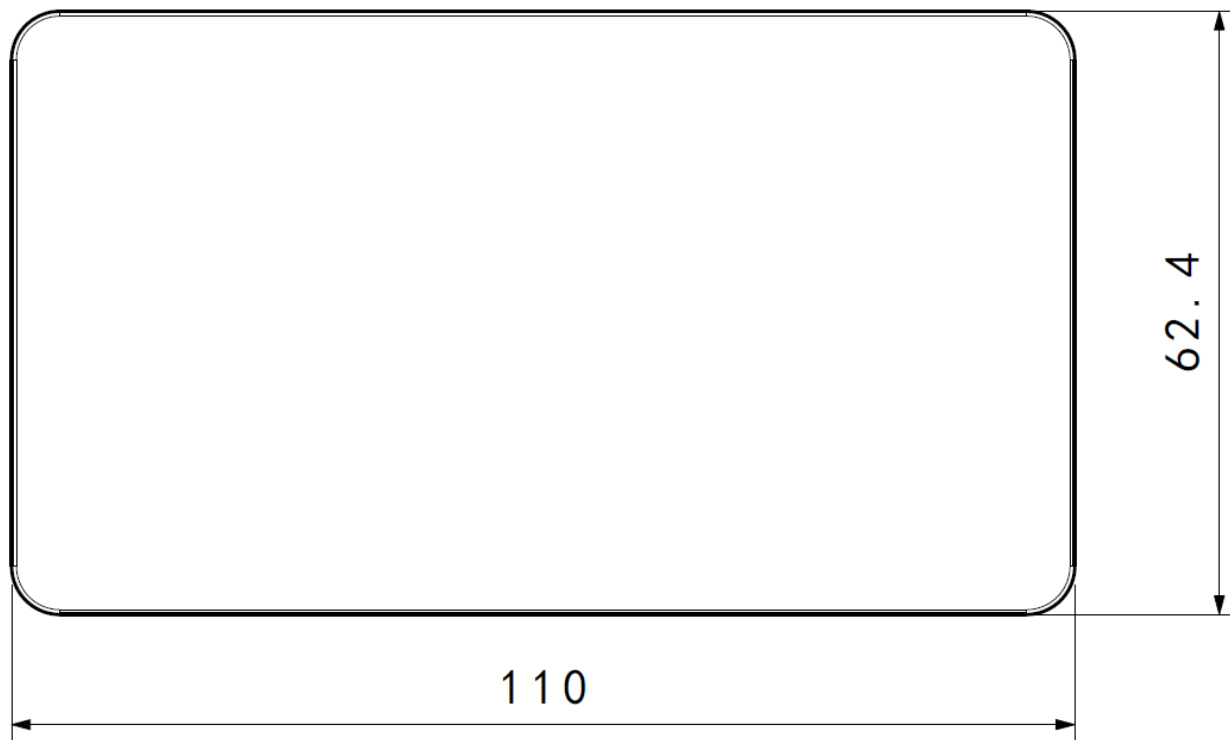


尺寸及安装 Install Dimension

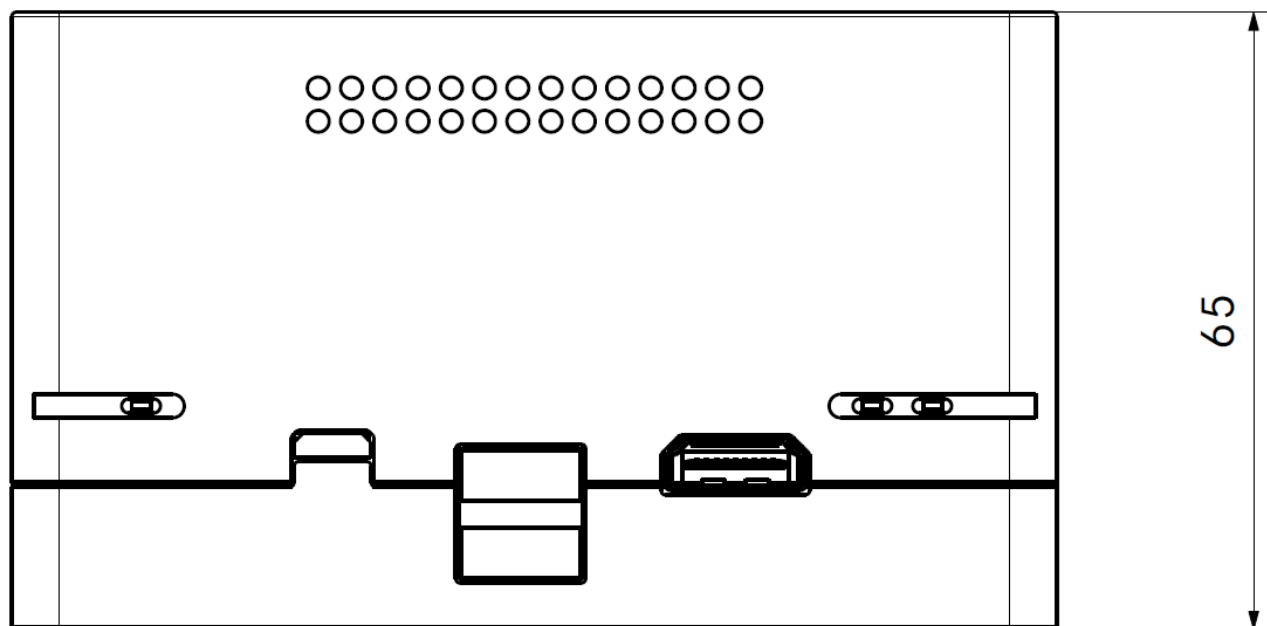
Lite NX Mini 主体尺寸及安装孔位尺寸如图:

Dimensions and mounting hole position as below:

俯视图 Up view(Unit:mm)



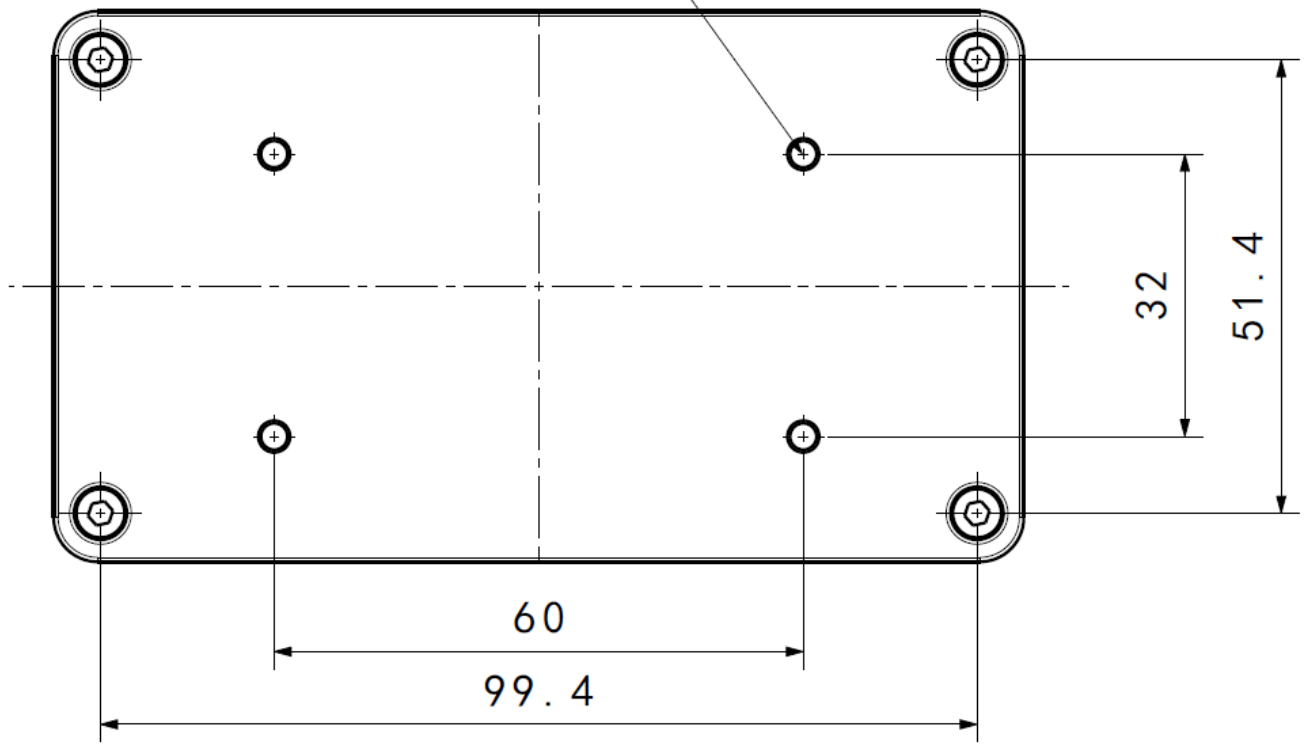
主视图 Front view(Unit:mm)



左视图 Left view(Unit:mm)

安装孔位图 Mounting Hole(Unit:mm)

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