

Lite NX NVR Spec

- Lite NX NVR简介 Brief
- 产品规格 Specifications
 - 处理器模组 Processor
 - 接口 I/O
 - 供电 Power Supply
 - 结构 Mechanical
 - 环境 Environmental
 - 认证 Certification
- 产品外观 Appearance
- 尺寸及安装 Install Dimension

Lite NX NVR简介 Brief

米文Lite NX NVR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 NVR提供高效的主动散热设计，能够在宽温的工作条件下稳定运行。Lite NX NVR内部设计了多种扩展接口，提供更多通讯以及存储扩展方案。

MiiVii Lite NX NVR is an embedded AI supercomputer. It delivers massive computing capabilities and essential features to terminal devices. High performance active cooling design enables Lite NX NVR working in wide temperature range. Lite NX NVR has a variety of extension interfaces designed internally to provide more communication and storage expansion options.

- 0°C-45°C工作温度（受限于硬盘）

0°C-45°C Operating temperature (Based on the hard disk)

- 工业级防静电

Industrial static protection

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	<p>2x 4Kp60 4x 4Kp30 12x 1080p60 32x 1080p30 (H.265)</p> <p>2x 4Kp30 6x 1080p60 16x 1080p30 (H.264)</p>
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接口 I/O

	Interface	Quantity	Note
Function Key	Recovery Button	1	
Network/Camera	Ethernet	2×Gigabit Port	2 independent Gigabit Ethernet 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	USB 5V, 1A Lower USB as a Flashing Port
I/O	UART	1×RS232	DB9 Terminal
User Expansion	TF Socket	1×TF Slot	MicroSD card supported
	SATASocket	1×SATA3.0	With universal power interface, Need customer considerati onfixed the hard disk.
	M.2	1×M.2 M Key	2280 SIZE NVME SSD
	Mini PCIE	1×Mini PCIE	For 4G
	Nano SIM Socket	1	

供电 Power Supply

Power Supply	Spec
Input Type	DC
Input Voltage	12V DC
Typical consumption	15W

结构 Mechanical

Mechanical	Spec
Dimensions (W×H×D)	260mm×45mm×230mm (I/O ports and mounting holes excluded)

Weight	1.2Kg
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环境 Environmental

Environmental	Spec	Note
Operating Temperature	0°C-45°C, 0.2~0.3m/s air flow ¹	Based on the hard disk
Storage Temperature	-40°C-80°C	
Storage Humidity	10%-90% non-condensing	
ESD	Touch 6KV, Air 8KV	
TVS	1KV	

认证 Certification

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

[1]According to GB/T 2423-2008

产品外观 Appearance



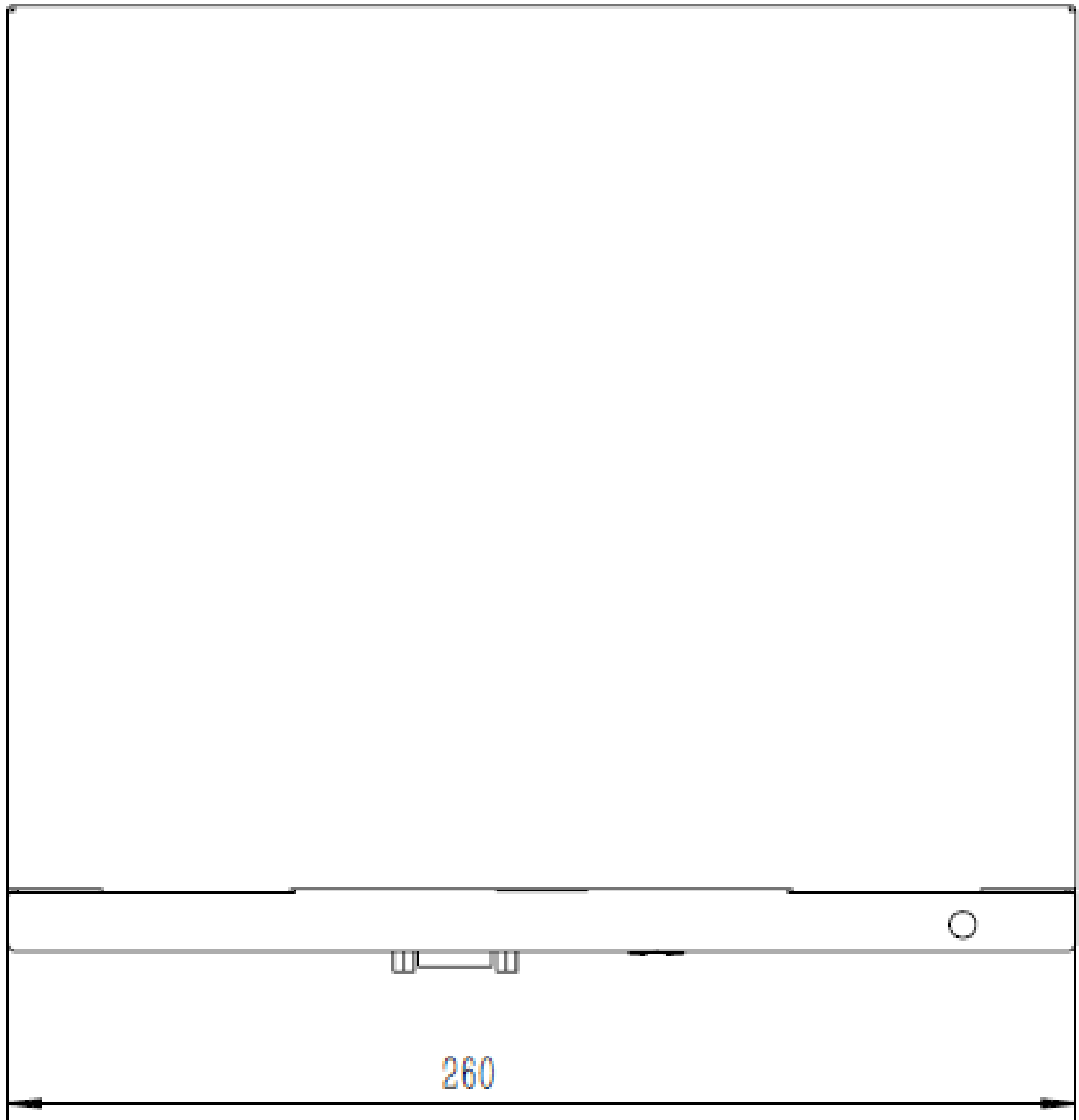


尺寸及安装 Install Dimension

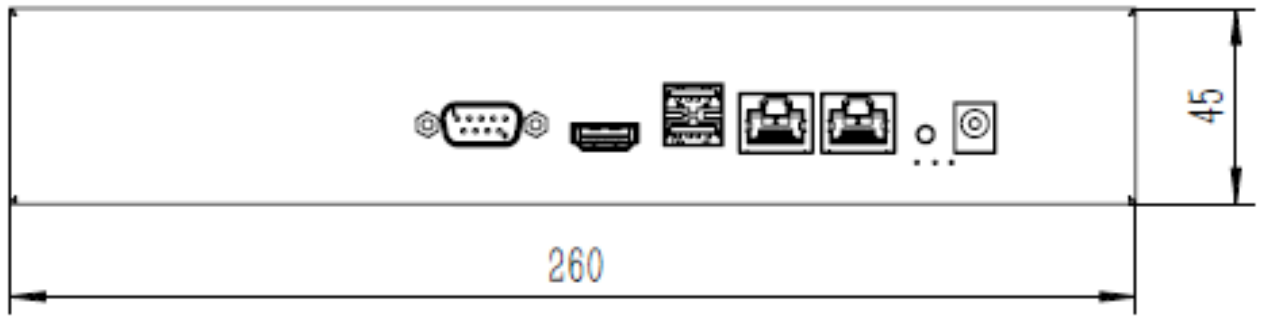
Lite NX NVR主体尺寸如图:

Dimensions as below:

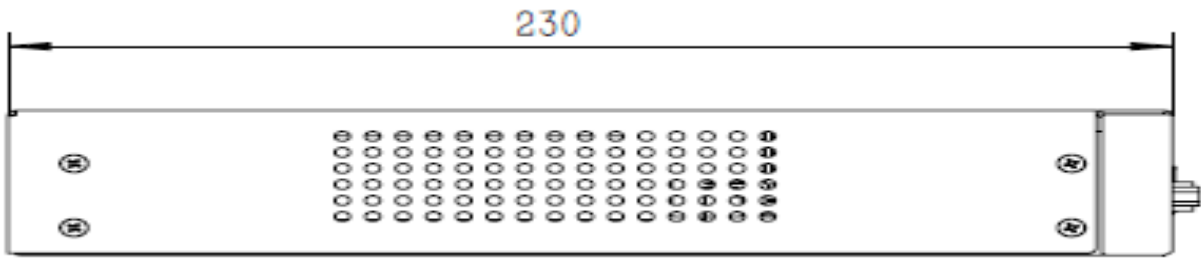
俯视图 Up view(Unit:mm)



主视图 Front view(Unit:mm)



左视图 Left view(Unit:mm)



轴侧图 Axonometric view(Unit:mm)

