

# NTAI-NXP-001



## Features

- Compact Machine Learning & Edge Gateway Box PC with NXP® i.MX8M Plus solution
- NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz (NEX-8MP)
- LPDDR4, 8GB (NEX-8MP)
- 32GB eMMC 5.1 (NEX-8MP), expandable to 256GB
- HDMI ; 2 x GbE ; 2 x USB 3.0 / 2.0
- 1 x Micro SD, 1 x RS232, 1 x RS485



**i.MX8M Plus**

**ARM CORTEX 4x A53 + M7**

## Specifications

Spec Item	Description	
CPU	NXP i.MX8M Plus (Quad core) ARM Cortex-A53 processor up to 1.8 GHz (NEX-8MP)	
GPU	Vivante GC700UL GPU (NEX-8MP)	
Storage	32GB eMMC 5.1 (NEX-8MP), expandable to 256GB 1 x Micro SD	
Memory	LPDDR4, 8GB (NEX-8MP)	
AI Accelerator	Hailo-8™ edge AI processor	
Expansion slots	Network	2 x GbE
I/O ports	USB	2 x USB 3.0 / 2.0
	Serial ports	1 x RS232 ; 1 x 485
	Display	1 x HDMI

## Mechanical

Spec Item	Description	
Dimensions	71.4W x 71.4D x 29.5H mm	
Weight	258g	

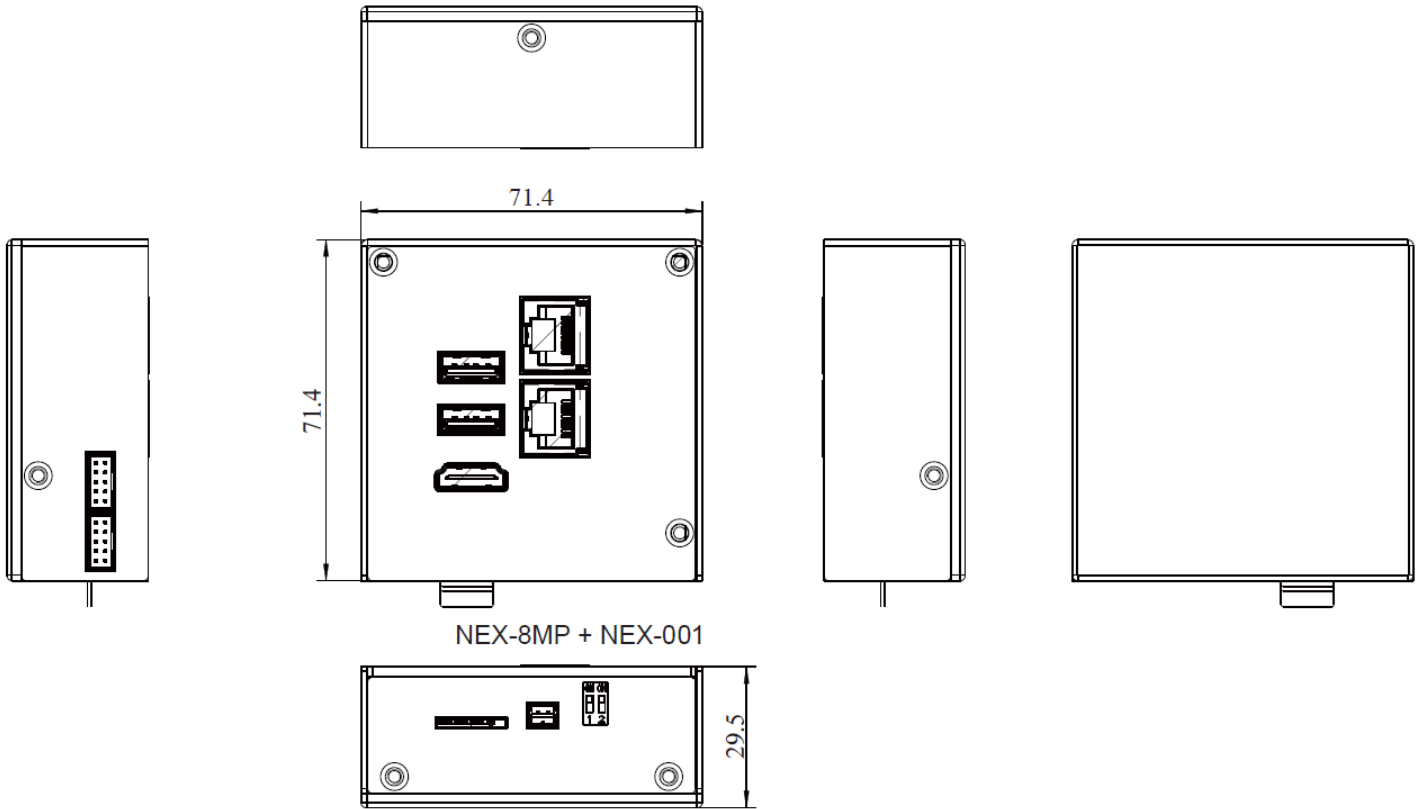
## Power

Spec Item	Description	
DC input	+5V	

## Environment

Spec Item	Description	
Operating Temp. (100 % CPU usage)	-20°C to +60°C	
Storage Temp.	-20°C to +70°C	
Relative Humidity	95% @ 40°C, non-condensing	

## System & Mounting Dimensions



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