



# Station M2

| AI mini PC

T-CHIP INTELLIGENCE TECHNOLOGY

V1.0



# Product features



## Quad-core 64bit processor

Quad-Core Cortex-A55 RK3566  
22nm lithography process.  
up to 1.8 GHz



## 4 K H.265 Decode

4K@60fps H.265/VP9 Decoding  
1080P@60fps H.265 Encoding  
HDR10 engine, Vibrant color



## Operating systems

Android, Ubuntu  
Buildroot+QT, Station OS  
supports to boot the system via  
TF card, U disk, EMMC, etc.



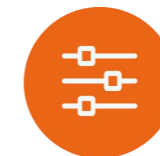
## Super-large 8GB RAM

Up to 8GB RAM  
making data safer and more reliable



## CNC aluminum alloy enclosure

Thanks to the CNC machining,  
sandblasting, anodizing, and other  
advanced techniques, The overall  
design features metal texture



## A variety of interfaces

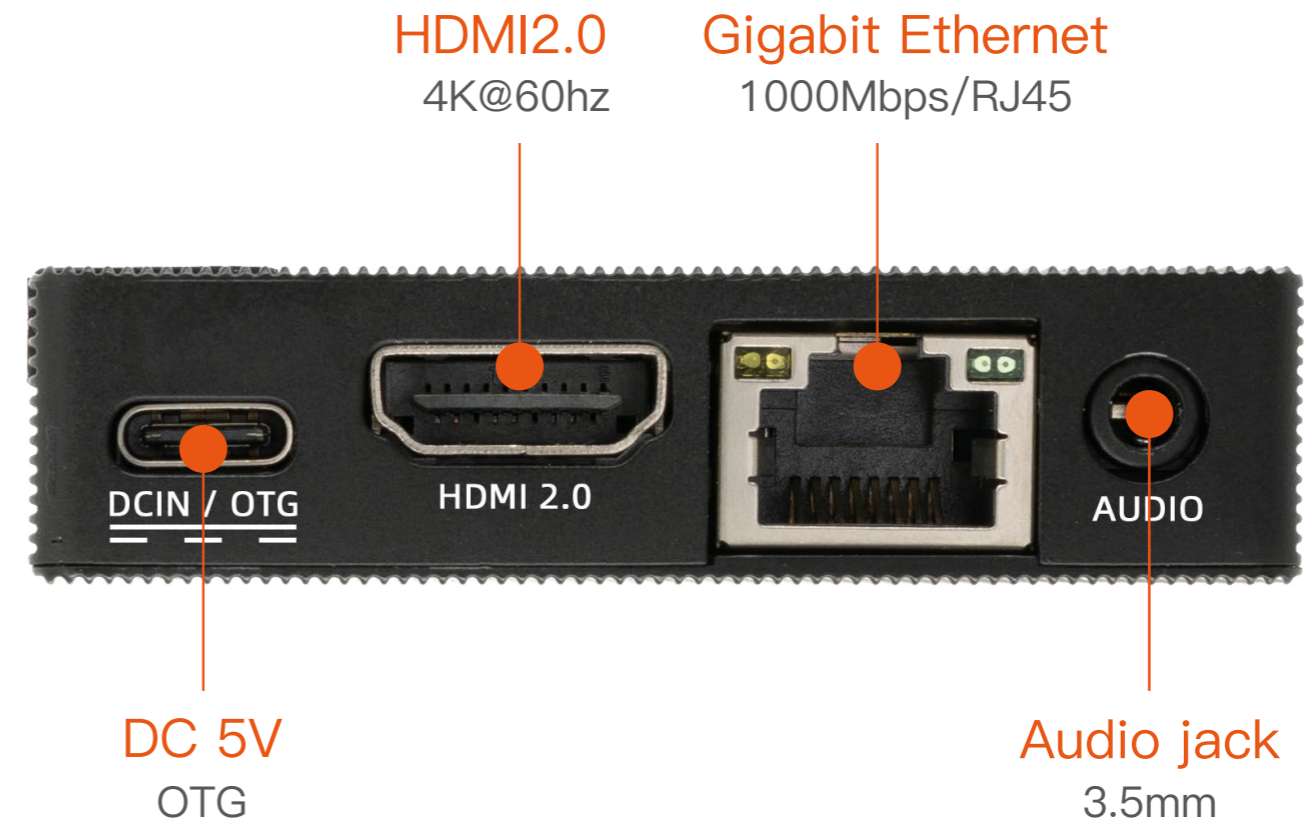
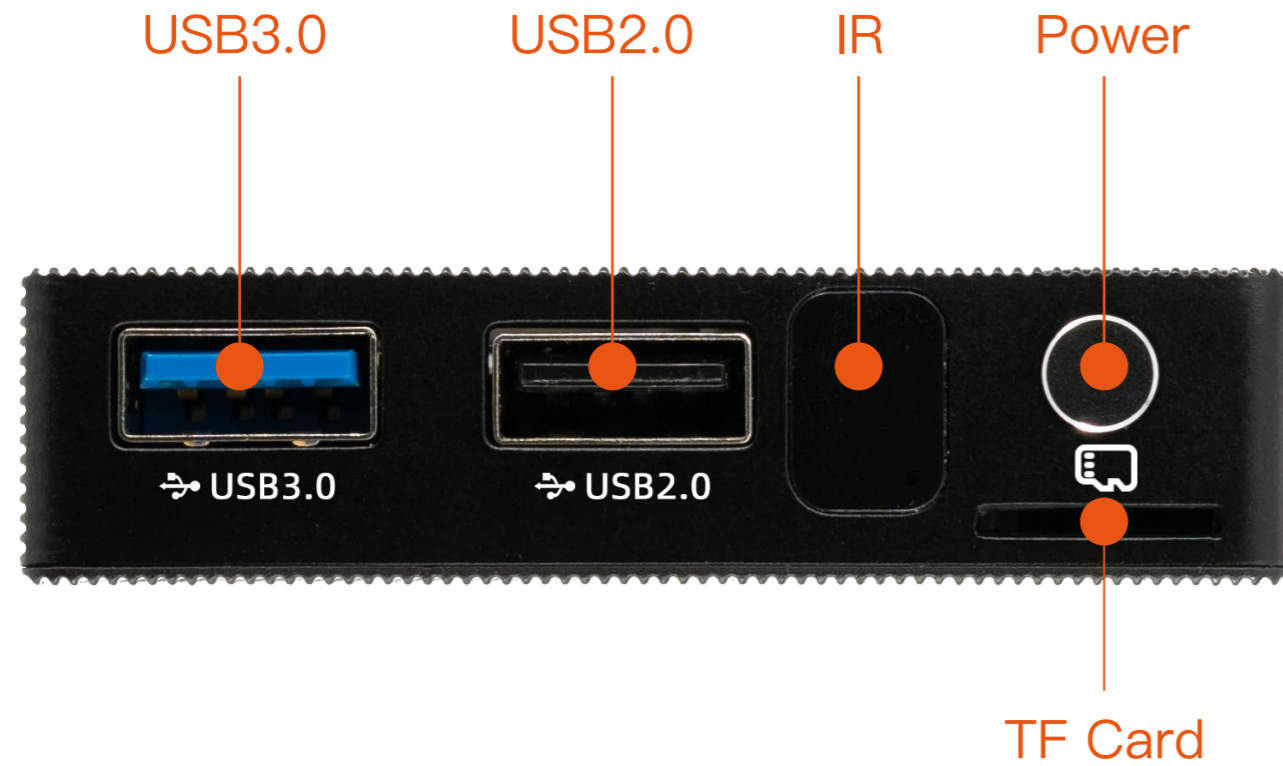
HDMI2.0, Gigabit Ethernet, USB3.0  
USB2.0, 3.5mm Audio Jack, it can be  
directly used for external device  
control and expansion

# Specifications

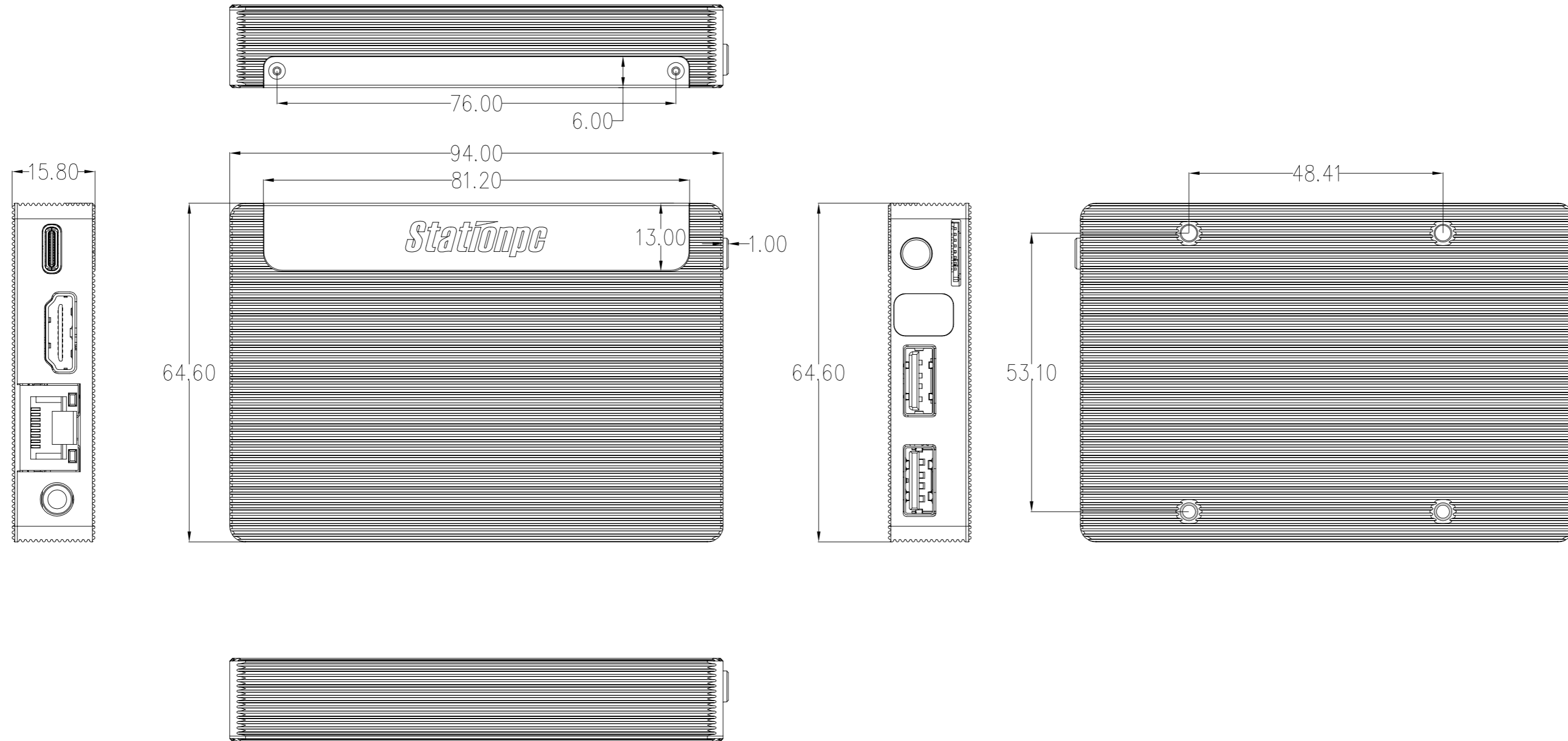


Specifications	
SOC	RK3566
CPU	Quad-core 64-bit Cortex-A55, 22nm lithography process, frequency up to 1.8GHz
GPU	ARM G52 2EE, Supports OpenGL ES 1.1/2.0/3.2. OpenCL 2.0. Vulkan 1.1, Embedded high-performance 2D acceleration hardware
NPU	1Tops@INT8, integrated high-performance AI accelerator RKNN NPU, Supports one-click switching of Caffe /TensorFlow /TFLite /ONNX /PyTorch
ISP	Supports 8M ISP
VPU	4K 60fps H.265/H.264/VP9 video decoding, 1080P 60fps H.265/H.264 video encoding
RAM	2GB / 4GB / 8GB LPDDR4
Storage	32GB / 64GB / 128GB eMMC
Expanded Storage	1 * M.2 PCIe2.0 NVMe SSD (2242) 、 1 * TF Card
Network	1 * Gigabit Ethernet (1000Mbps/RJ45)
Wireless	2.4GHz/5GHz双频WiFi (802.11a/b/g/n/ac) 、 Bluetooth 5.0
Video Output	1 * HDMI2.0 (4K@60fps)
USB	1*USB3.0、 1*USB 2.0、 1*USB-C (DC IN / OTG)
Power	DC 5V (via USB-C)
OS	Android 、 Ubuntu、 Buildroot + QT、 Station OS
Dimension	94 mm * 64.6 mm * 15.8mm
Environment	Operating Temperature: -20°C- 60°C, Storage Temperature:-20°C- 70°C, Operating humidity: 10% ~ 90% (non-condensing)

# Interface description



# Dimension





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