

TC-400N4

Audio and Video Capture Card

Specification



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1 Update Records

Document Version	Release Time	Update Record
V4.0	July 19(th), 2025	First release

2 Product Introduction

TC-400N4 Audio/Video Capture Card features 4 HDMI ports, supporting 4-channel 1080p@60Hz input and storage. Utilizing 4:4:4 8-bit color sampling ensures low-delay, high-quality audio/video capture performance.

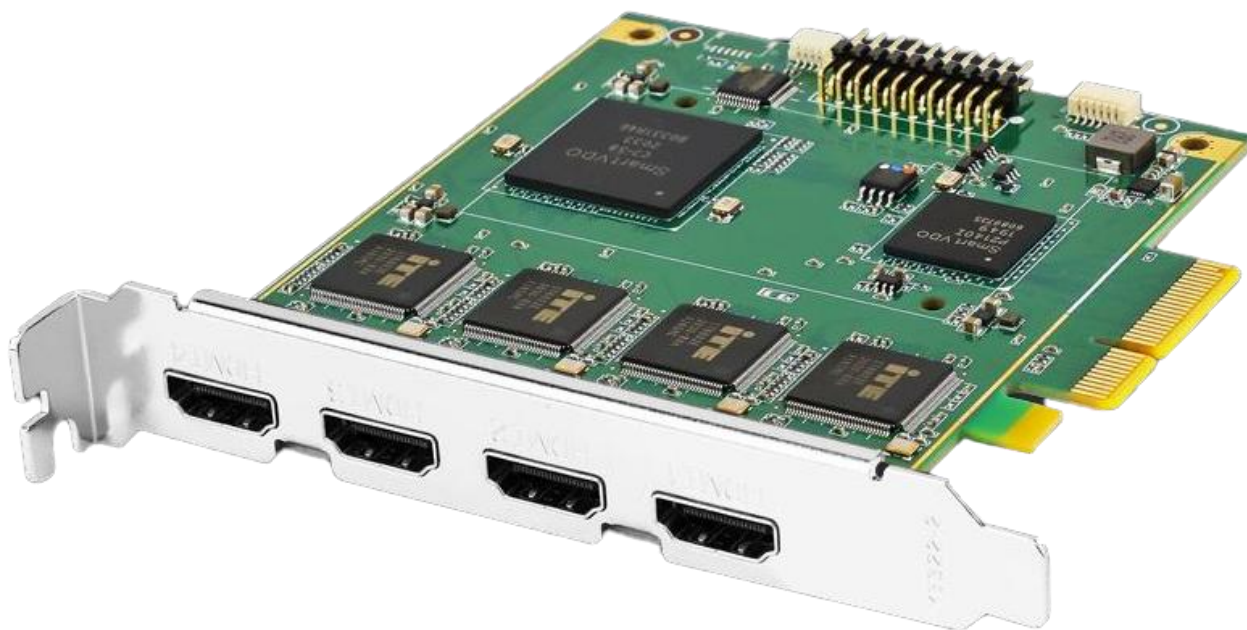
3 product characteristics

- Supports 4 HDMI ports
- Supports 4 channels of 1080p60 input and storage
- Supports low latency, multiple interfaces, and high image quality
- Supports 4:4:4 8-bit color
- Supports high stability and excellent compatibility
- Supports 4-channel multi-interface signal input, widely used in image capture, live streaming, video conferencing, medical imaging, and other complex signal acquisition applications

4 Application Scenarios



5 Product Appearance

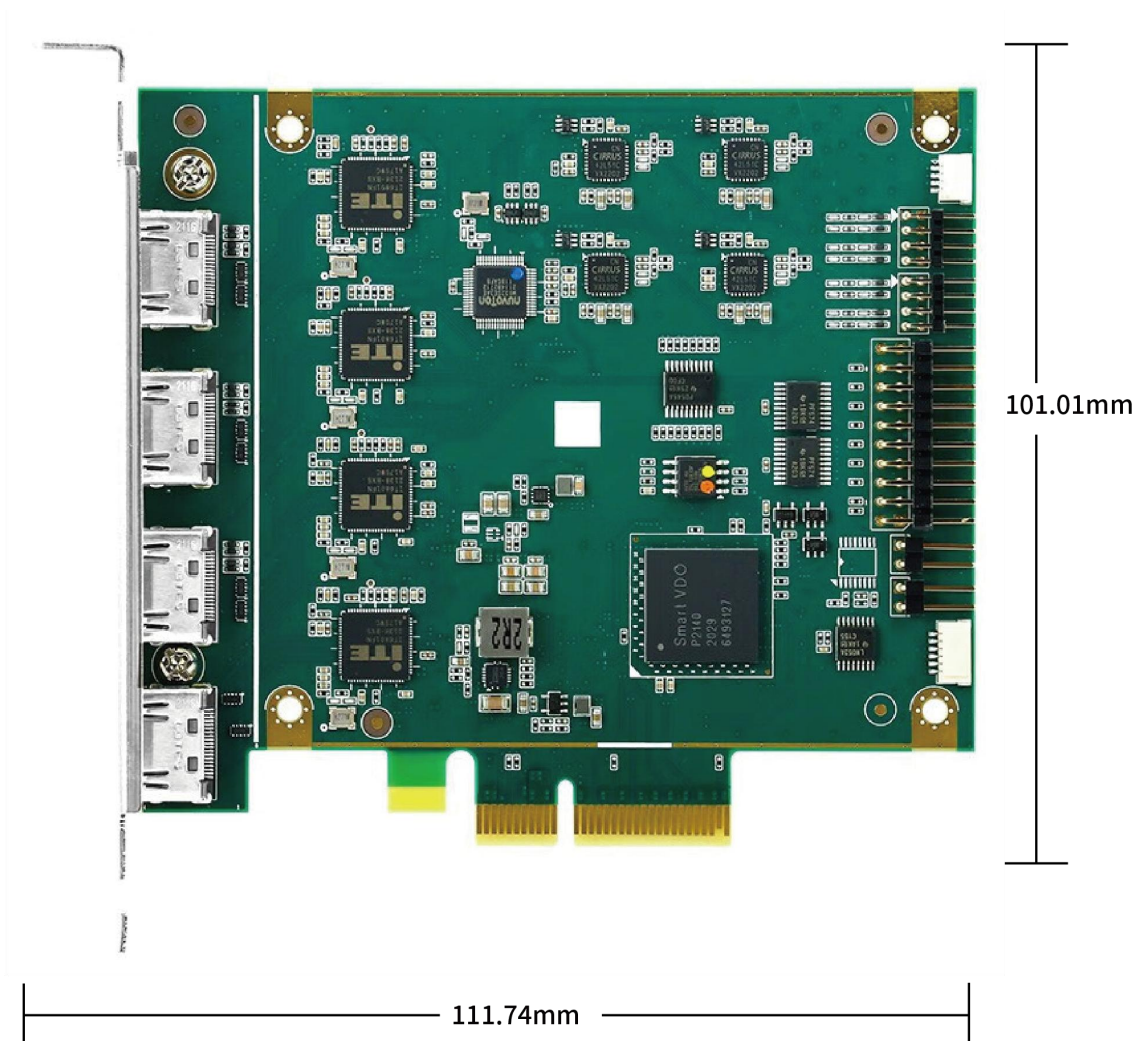


* Product photos are for reference only, please refer to the products actually purchased.

5.1 Data Interface Description

Name	Illustration
HDMI IN	4×HDMI signal inputs, capable of connecting to video sources such as cameras, conference terminals, and production consoles.

5.2 Product Dimensions



Tolerance: 0.3 unit: mm

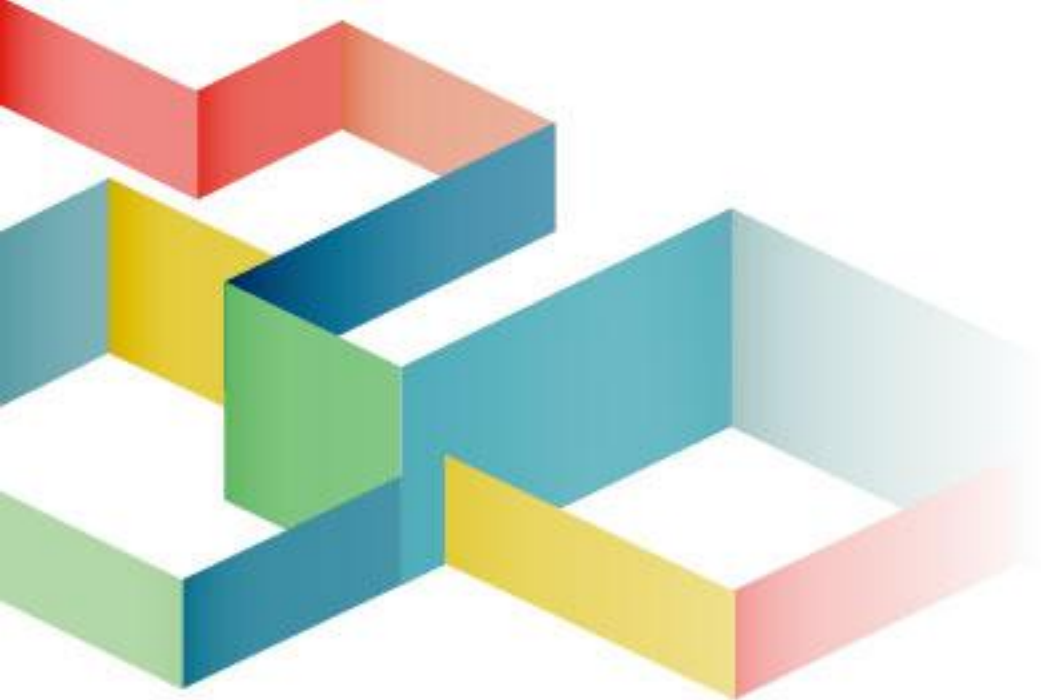
6 Product Parameters

Product Model	TC-400N4
Maximum Frame Rate	1920×1080p@60/50fps in→1920×1080p@60/50fps out
Recording Mode	Software compression, real-time mode
Dimensions	111.74×101.01 (mm)
Host Interface	PCIe×4 (Gen2)
Video Input	4×HDMI
Display Format	YV12, NV12, YUY2, RGB24, RGB32, PO10
Raw Video Resolution	1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps
Recording Format	H.264 High Profile

Resolution	1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 1280×1024p@60fps 1280×960p@60fps 1024×768p@60fps 800×600p@60fps 640×480p@60fps 720×480p@60fps 720×576p@50fps 720×480i@60fps 720×576i@50fps
Audio Input Interface	2×HDMI Embedded Audio, Two Pair of RCA Audio Connector
Audio format	Stereo/16-bit/32000~48000Hz

6 Precautions

- The installation process must be completed by professionals.
- Must be antistatic.
- Please pay attention to waterproof and dust removal.



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