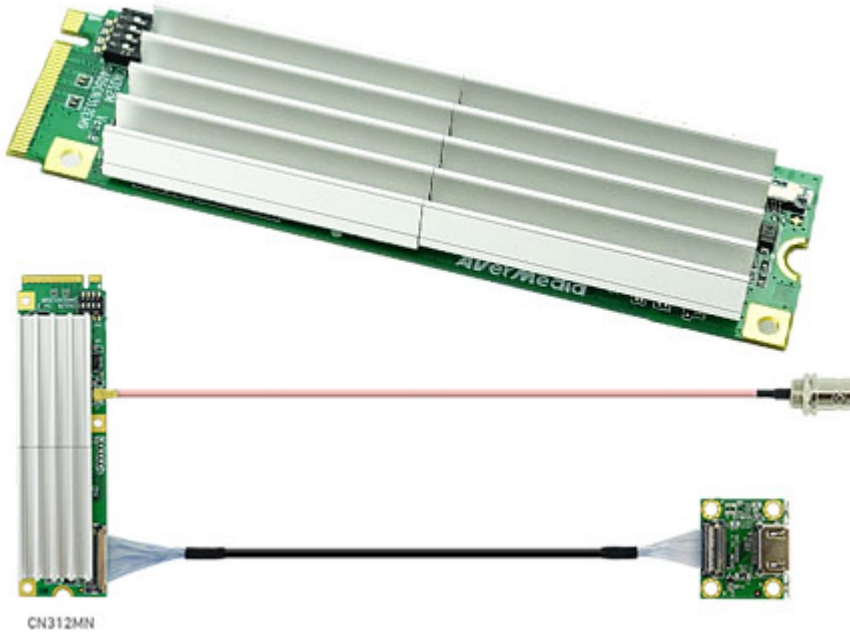


449.00 EUR

incl. 19% VAT, plus [shipping](#)

- Dual-Channel !
- 2K SDI/HDMI !
- M.2 !
- -20°C ~ 70°C !



**Support:** [Datasheet](#)

AVerMedia AVerGrabber CN312M, the Dual-Channel M.2 Video Capture Card, is equipped by one HDMI and one SDI channels with the embedded audio. With its HDMI and SDI video source input, it is able to support an astounding uncompressed real-time video capture resolution of up to 2048 x 1080 60fps (SDI)/ 1920 x 1200 60fps (HDMI).

At the frame rate of 60 fps, CN312M can improve the quality of a wide range of media recorded for businesses, universities, broadcasting, and manufacturing facilities, which can eventually provide a more lifelike and smooth video playback experience.

- Max. input resolution 2048 x 1080 60fps
- Max. capturing/recording 1920 x 1080 60fps
- Wide temperature and conformal coating design
- CN312MN: Normal version
- CN312MC: Wide temperature with conformal coating version
- The latest M.2 compact Gen2x4 interface
- Hardware video processing:
  1. hardware scaling
  2. color space conversion

Host Interface	Gen2 x 4
Audio Format	HDMI/SDI embedded audio
Audio Sampling Rate	32/44.1/48KHz
Connector Type	1CH HDMI Type A , 1CH BNC for SDI
Input Interface	HDMI 1.4a, DVI-D 1.0 + 2K SDI

Video Format

**Driver support output:**

4:2:0 8-bit : NV12, I420, YV12

4:2:2 8-bit : YUY2, YUYV, UYVY

4:4:4 8-bit: IYU2, BGR24, BGR32

Color Depth  
Channel No.

**SDK support output:**

4:2:0 8-bit : YV12

4:2:2 8-bit : YUY2

4:4:4 8-bit: BGR24

8-bit (support 10-bit video input)

2 channels

2048 x 1080@60fps (SDI)

Max. Input Resolution

1920 x 1200@60fps (HDMI)

Max. Recording Resolution

1920 x 1080@60fps

Encoding Mode

Software encoding

Multi-Card Support

Yes

Supported OS

Windows 7/ 8.1/ 10 (32/ 64 bit)

Form Factor

Linux (based on V4L2, support x86, x64)

M.2 (2280 Key M)

**CN312MN:** 22 x 80 x 6.8 mm

Dimension (W x L x H)

**CN312MW/CM312MC:**

22 x 80 x 26.3 mm

Power Consumption

3.3 W

**CN312MN:** 0°C ~ 40°C

Operating Temperature

**CN312MW/CM312MC:**

-20°C ~ 70°C (with 0.5m/s airflow)

Storage Temperature

0% ~ 95% relative humidity

Operating Humidity

-40°C ~ 85°C

Safety Certification

FCC / CE

CN312M x 1

Package includes

BNC Cable x 1

HDMI Micro Coaxial Cable x 1