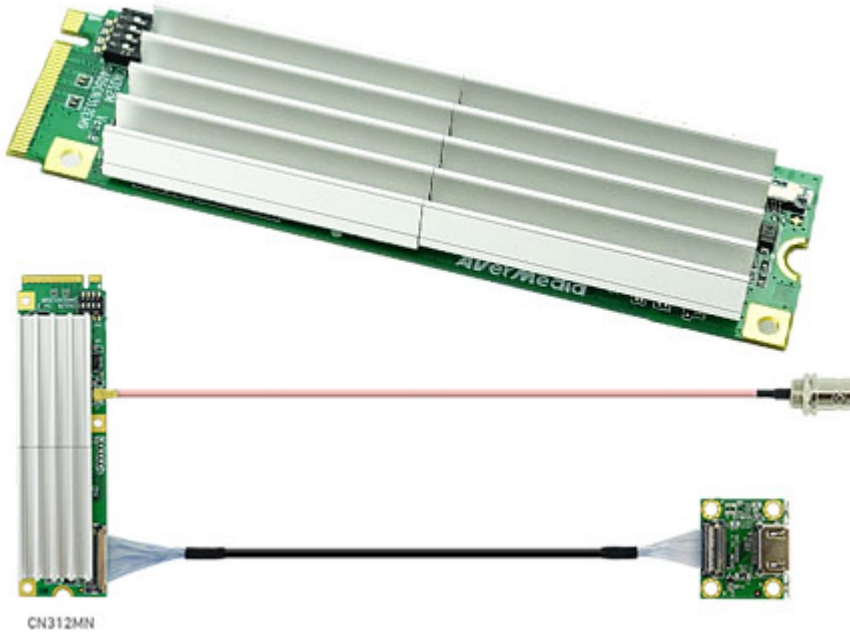


449.00 EUR

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 ,<br>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

**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)

1920 x 1200@60fps (HDMI)

1920 x 1080@60fps

Software encoding

Yes

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

Linux (based on V4L2, support x86, x64)

M.2 (2280 Key M)

**CN312MN:** 22 x 80 x 6.8 mm**CN312MW/CM312MC:**

22 x 80 x 26.3 mm

3.3 W

**CN312MN:** 0°C ~ 40°C**CN312MW/CM312MC:**

-20°C ~ 70°C (with 0.5m/s airflow)

0% ~ 95% relative humidity

-40°C ~ 85°C

FCC / CE

CN312M x 1

BNC Cable x 1

HDMI Micro Coaxial Cable x 1

Color Depth

Channel No.

Max. Input Resolution

Max. Recording Resolution

Encoding Mode

Multi-Card Support

Supported OS

Form Factor

Dimension (W x L x H)

Power Consumption

Operating Temperature

Storage Temperature

Operating Humidity

Safety Certification

Package includes