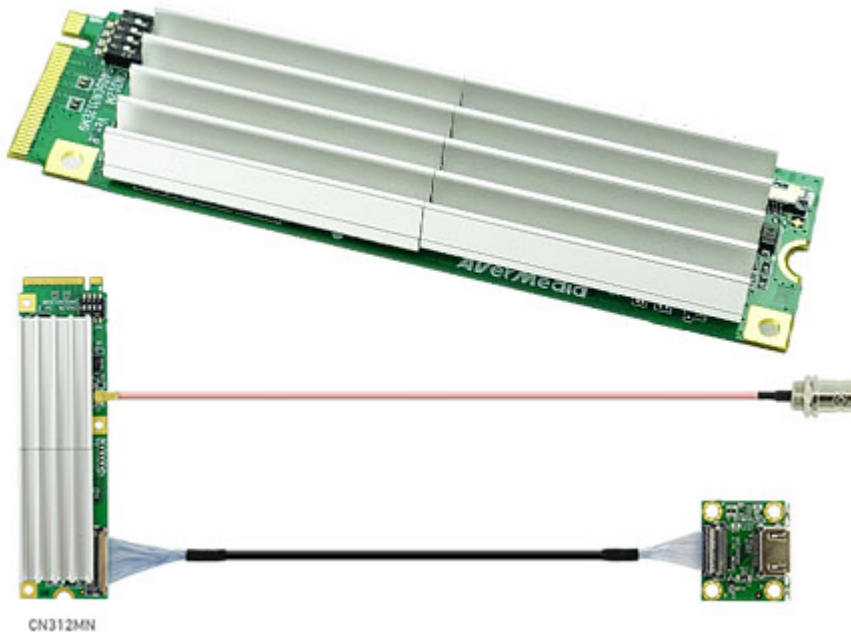




449.00 EUR
incl. 19% VAT, plus [shipping](#)

- 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

	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
Video Format	SDK support output:
	4:2:0 8-bit : YV12
	4:2:2 8-bit : YUY2
	4:4:4 8-bit: BGR24
Color Depth	8-bit (support 10-bit video input)
Channel No.	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
	Windows 7/ 8.1/ 10 (32/ 64 bit)
Supported OS	Linux (based on V4L2, support x86, x64)
Form Factor	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