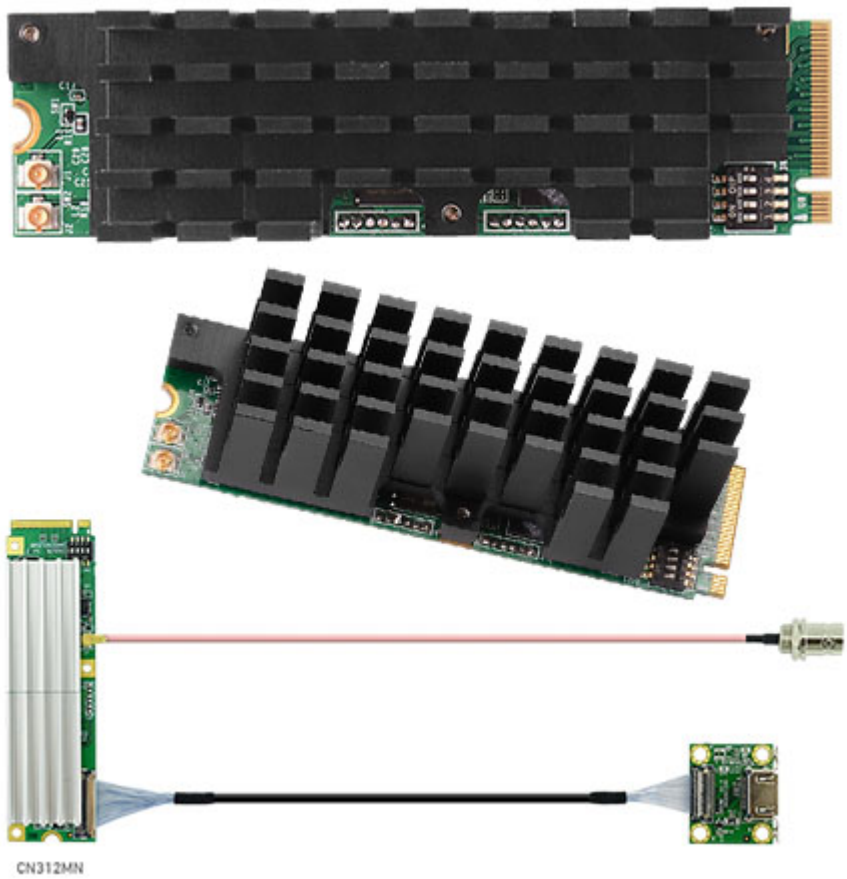

509.00 EUR
incl. 19% VAT, plus shipping

- Dual-Channel !
- 2K SDI/HDMI !
- M.2 !
- Wide Range Temperature !

Support: Datasheet | Manual

AVerMedia AVerGrabber CN312S, the 2K SDI Dual-Channel M.2 Video Capture Card, is equipped by two SDI channels with the embedded audio. With its SDI video source input, it is able to support an astounding uncompressed real-time video capture resolution of up to 2K (2048 x 1080).
At the frame rate of 60 fps, CN312S 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.
Wide Temperature and Conformal Coating Design AVerMedia delivers this advanced solution, which is capable of withstanding the extreme temperature environment without compromising the video functionality. CN312SW (Wide Temperature Version) can offer the stable operation in the temperature range from -20°C to 70°C (-4°F to 158°F). Furthermore, CN312SC (Wide Temperature with Conformal Coating Version) thermally robust product is specifically designed to provide great reliability for the rugged and industrial applications to against moisture, dust, or chemicals.

- Max. input resolution 2048 x 1080 60fps
- Max. capturing/recording 1920 x 1080 60fps
- Wide temperature and conformal coating design
- CN312SW: Wide temperature version
- CN312SC: 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	**SDI embedded audio**

Audio Sampling Rate	**48KHz**
Connector Type	**BNC for SDI**
Input Interface	**2-channel 2K SDI**
Video Format	**Driver support output:** **4:2:0 8-bit : NV12, I420, YV12** **4:2:2 8-bit : YUY2** **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**
Color Depth	**8-bit (support 10-bit video input)**
Channel No.	**2 channels**
Max. Input Resolution	**2048 x 1080@60fps**
Max. Recording Resolution	**1920 x 1080@60fps (2-channel)**
Encoding Mode	**Software Encoding**
Multi-Card Support	**Yes**
Supported OS	**Windows 7, 8.1, 10 (32/64-Bit)** **Linux (based on V4L2, support x64)**
Form Factor	**M.2 (2280 Key M)**
Dimension (W x L x H)	**22 x 80 x 26.3 mm**
Power Consumption	**3.3 W**
Operating Temperature	**CN312SW: -20°C ~ 70°C** **CN312SC: -20°C ~ 70°C (with 0.5m/s airflow)**
Storage Temperature	**-40°C ~ 85°C**
Operating Humidity	**5% - 95% Relative Humidity**
Safety Certification	**FCC / CE**