

Special: J120 + B102 €299 only

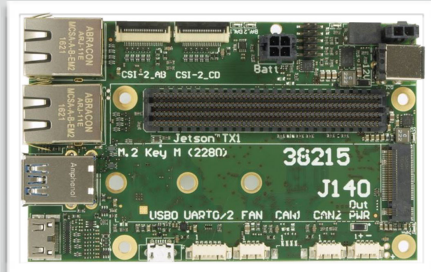
The J120 carrier board for the Jetson TX1 now supports one B102 module for video capturing of one HDMI input at up to 1080p60. This offer is limited until the end of 2016.



J140 carrier board for the TX1

All the features of the J120 plus:

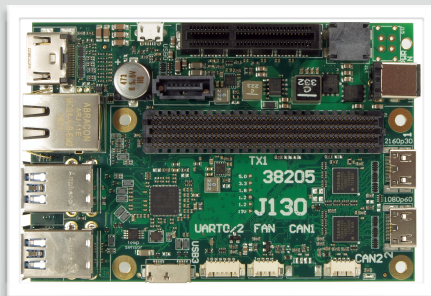
- 2nd GbE port (Intel i210)
- 2 more 4 lane CSI-2 ports
- 2S Lipo battery backup (charger and balancer)
- 5.5/2.5 power jack
- €299 net (available now)



J130 4kp30 HDMI IN for the TX1

This new carrier board is available in 2 versions:

- J130-NV: no video inputs (€299 net)
- J130-2k4k: with 2 video inputs (€599 net - reserved for software driver developers)



V100 HD Video Processor with 2 HDMI IN and 1 HDMI OUT



background graphic + video 1 + video 2



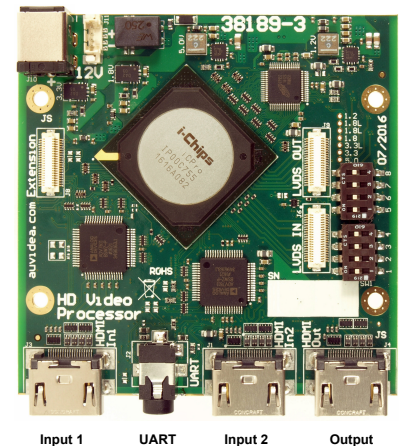
Powerful and flexible video processing

- video scaling (horizontal and vertical)
- video cropping (top, left, right, bottom)
- horizontal and vertical flip
- 90°, 180°, 270° video rotation
- de-interlacing
- flexible window positioning
- dynamic OSD via SPI interface
- irregular video window shapes
- UART port for live control and configuration
- up to 20 configuration presets (user defined)
- €499 net (samples available now)

Future extensions

- V110: HDMI IN and analog video in (for thermal cameras)
- analog video input add-on module
- audio mixer add-on module
- HDMI IN and OUT add-on module
- may be combined with B101 and Raspberry Pi for low cost recording systems

For details please refer to the [technical reference manual](#).



Input 1 UART Input 2 Output

E412 compact H.264 encoder

Next generation E1xx encoder - same video quality but smaller and less power.

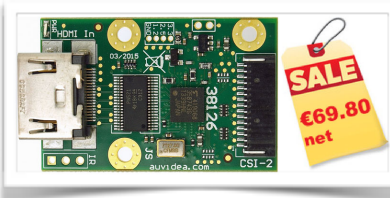
- up to 1080p60
- 0.5 watts @ 1080p30



B101 for Raspberry Pi

The B101 HDMI input module for the Raspberry Pi now supports:

- 720p50 and 720p60
- 1080p24 and 1080p25



V20 Pi camera emulator (SDI)

The V20 module fully emulates the Pi camera - no driver required.

- SDI input up to 1080p30
- SDI loop through output

