

Open/Development Hardware: Xavier NX and Kinetic Digital Clock With Arduino

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- [Xavier NX edge AI system supports four GMSL cameras](#) [3]

Vecow's EAC-2000 and EAC-2100 computers run Linux on Nvidia's Jetson Xavier NX and provide 2x GbE, 2x GbE with PoE+, 4x USB 3.1, and on the EAC-2100, a CAN port and 4x GMSL cam connectors.

Vecow announced an EAC-2000 Series of fanless embedded computers that run Linux on Nvidia's Jetson Xavier NX. The rugged edge AI system includes a standard EAC-2000 model and a larger EAC-2100 that adds 4x Fakra-Z connectors for GMSL cameras.

Vecow manufactures several Intel-based edge AI systems with slots for Nvidia GPU cards, such as its Coffee Lake based GPC-1000. Yet, the new EAC-2000 Series is the company's first system to run on an Nvidia Jetson module, which also handles CPU duties. The systems support applications including traffic vision, intelligent surveillance, auto optical inspection, smart factory, AMR/AGV, and other AIoT/Industry 4.0 deployments.

- [Kinetic digital clock takes 7-segment displays to another dimension | Arduino Blog](#) [4]

Seven-segment displays have been around for ages, and they have a really cool retro aesthetic about them. Over on Instructables, user alstroemeria (known as Jacky Mok in real life) decided to build a different kind of display that utilizes individual servo motors to slide the

segments out, thus creating a 3D clock. The main board in this project was the Arduino Mega, which was selected due to its large number of digital GPIO pins that can set all 28 of the servos to the correct positions.

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Links:

[1] <http://www.tuxmachines.org/taxonomy/term/145>

[2] <http://www.tuxmachines.org/taxonomy/term/39>

[3] <http://linuxgizmos.com/xavier-nx-edge-ai-system-supports-four-gmsl-cameras/>

[4] <https://blog.arduino.cc/2021/07/20/kinetic-digital-clock-takes-7-segment-displays-to-another-dimension/>