

## NUVIS-534RT ULTRA-COMPACT VISION CONTROLLER

Coming soon!

N534RT-DTIO

- AMD Ryzen V1807B
- Real-time I/O
- 4x GigE PoE+
- 4x USB 3.0



### PRODUCT DESCRIPTION

Nuvis-534RT is a high-performance, ultra-compact vision controller with integrated camera interfaces, vision-specific I/Os and real-time control for machine vision applications. Powered by AMD Ryzen™ Embedded V1807B 4-core/ 8-thread processor, it provides superb performances equivalent to mainstream desktop CPUs while retaining a compact 8.2 cm x 11.8 cm x 17.6 cm (3.4" x 4.6" x 6.9") dimensions.

Nuvis-534RT offers unique vision-oriented I/O configurations, including constant-current lighting controller to directly drive LED lights, isolated 12V trigger output to activate cameras, encoder input to acquire position information and DIO to connect to sensors/ actuators. All of the above vision-oriented I/Os can be managed by Neosys' patented DTIO V2 or NuMCU technology to guarantee real-time trigger/ response in micro-second scale.

The combination of high performance and small footprint gives Nuvis-534RT a distinctive 1-2 punch advantage where the vision system can be easily deployed with USB3.0 and GigE cameras and without space restrictions.

### SPECIFICATIONS

Depth	118 mm
Height	176 mm
Memory RAM	16 GB
Processor	AMD Ryzen™ V1807B
Supply Voltage DC Max	35 V DC
Supply Voltage DC Min	8 V DC
Temperature range bearing, from	-40 °C
Temperature range bearing, to	85 °C
Temperature range from	-25 °C
Temperature range to	70 °C
Weight	1.5 kg

Width

82 mm

