



# Vision Box AGE-X5.1

Real Time Vision Box PC

## REAL-TIME VISION BOX PC

# Vision Box AGE-X5.1

The Vision Box AGE-X of the 5.1st generation consists of IMAGO's unique Real-Time Communication Controller (RTCC) and Intel i-core processors. The Vision Box offers vision interfaces Quad-GigE, current-driven outputs for LED lighting.

### Key Features

- 4x GigE Interfaces
- CFast Card for easy OS/app change
- 16/16 Digital In/Out with opto-isolators
- 2 LED strobe channels



sample configuration

### Specializing in GigE cameras

Camera Interface	4 × GigE Vision
LED Controller (½ Acontinuous / 6 APeak)	2 current-controlled

### Standard Interfaces

Digital I/O	16 × Input / 16 × Output, opto-isolated, 24V
Ethernet for LAN	1 × 1.000 Mbit/s
USB 3.0	4 × for external peripherals (Ask for IMAGO's recommendations using USB as a camera port)
USB 2.0	2 × under service hatch for dongles
DisplayPort, 60 Hz	1 ×
Mini PCIe	1 × (e.g. for field bus, Dual-GigE, ...)

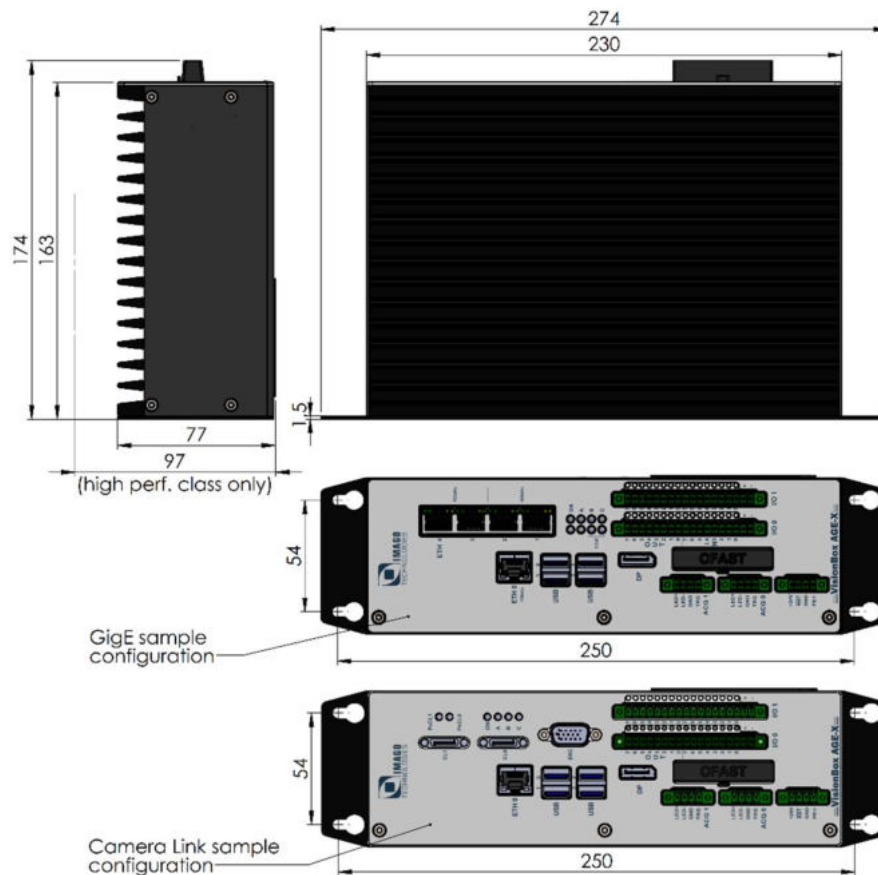
### Processor / Storage

Performance Class	Mid
Examples (others upon request)	i5-10500TE
DDR RAM	2 × 8 GB DDR4
Mass Storage	1 × CFast ≥ 240 GB
Clockspeak	2.3 GHz
Turbospeed	up to 3.7 GHz

## Mechanical / Electrical

Power Consumption*1	~65 W
*1TDP Workload, without PoE,PoCL	
Power Supply	18 VDC – 30 VDC
Power Supply Current Rating (peak current)	~3.5 A
Temperature Range	+5 °C ... +45 °C
Weight	2400 g
Dimensions (H x W x D)	230 mm x 164 mm x 77 (97*2) mm
*2 High class only, on OEM request	
Mounting Support	4 x M5
Service Flap	Access to 2x internal USB 2.0 connector (Dongle / USB stick)

## Dimensions



**Ask for existing models or the MOQ of your individual configuration.**

# The smartest embedded vision components

For more than 25 years, IMAGO has been supplying machine vision technology to machine builders to improve product quality, make processes smoother, avoid production errors, reduce manufacturing costs and make systems more efficient.



## **What we do**

With the focus on what counts for our customers, we develop hardware components for industrial image processing. Be it in factory automation, the printing industry, for the food and beverage industry, pharmaceutical or logistics industry. IMAGO supplies vision systems, smart cameras, vision sensors and the appropriate software for the optimized use of our products. We pay special attention to miniaturization, high frame rates, increasing computing power and environmentally friendly power consumption. These characteristics already distinguish our products today.

***And we are proud of them.***