

REBOTNIX PRODUCTS

CATALOG 2021



EDGE DEVICE / SKU: RB-4NX

Features

- Up to 4 x NVIDIA® Jetson Xavier™ NX SOM
- ARM64 CPU & NVIDIA Volta GPU 384 & 48 Tensor Cores
- 8 or 16 GB Gigabytes of RAM for one NX Module
- 1 x USB 2.x connectors (For debugging)
- 1 x HDMI 2.0 output for debugging
- Up to 4 x 2000 GB SSD (M2) included
- Full black CNC aluminium case
- Active cooling
- 1HE (19') Depth:600mm
- Lifetime January 2028
- REBOTNIX CV3 Operating Image

Optional

- Power amplifier 24 Volt – 48 Volt (60-120 Watt)
- LTE or 5G Modem options
- 100% Driver Jetpack support (without patch)



GUSTAV NX

EDGE DEVICE / SKU: RB-NX

Features

- NVIDIA® Jetson Xavier™ NX SOM
- ARM64 CPU & NVIDIA Volta GPU 384 & 48 Tensor Cores
- 8 Gigabytes of RAM
- 3 x USB 3.x connectors
- Lemo 12 volts input
- Wifi 2.4 GhZ internal / RJ-45 ethernet (gigabit)
- HDMI 2.0
- 250 GB SSD (M2) included
- Full black CNC aluminium case
- Active cooling
- W:130mm H:41mm D:110mm
- Lifetime January 2026

Optional

- 500 GB – 2 Terabytes SSD (internal)
- LTE or 5G Modem options
- 100% Driver Jetpack support (without patch)





GUSTAV TX2 NX

REBOTNIX
INDUSTRIAL SOLUTIONS

EDGE DEVICE / SKU: RB-TX2NX

Features

- NVIDIA® Jetson TX2™ NX SOM
- ARM64 CPU & NVIDIA Volta GPU 256 Cores
- 4 Gigabytes of RAM
- 3 x USB 3.x connectors
- Lemo 12 volts input
- Wifi 2.4 GhZ internal / RJ-45 ethernet (gigabit)
- HDMI 2.0
- 250 GB SSD (M2) included
- Full black CNC aluminium case
- Active cooling
- W:130mm H:41mm D:110mm
- Lifetime February 2026

Optional

- 500 GB – 2 Terabytes SSD (internal)
- LTE or 5G Modem options
- 100% Driver Jetpack support (without patch)



GUSTAV AGX

EDGE DEVICE / SKU: RB-AGX

Features

- NVIDIA® Jetson AGX Xavier™ SOM
- ARM64 CPU & NVIDIA Volts GPU 512 & 64 (Tensor) Cores
- 32 Gigabytes of RAM
- 2 x USB 3.x connectors
- Lemo 12-24 volts input
- HDMI 2.0
- 2 x RJ-45 Ethernet
- 250 GB SSD (M2) included
- Full black CNC aluminium case
- Active cooling
- W: 170mm H:62mm D:160mm
- Lifetime January 2025

Optional

- 500 GB – 2 Terabytes SSD (internal)
- LTE or 5G Modem options
- 100% Driver Jetpack support (without patch)



LOW ENERGY
IN EVERY STEP



Features

- NVIDIA® Jetson NX Xavier™ SOM
- ARM64 CPU & NVIDIA Volts 384 & 48 (Tensor) Cores
- 3 x USB 3 connectors
- 1 x Lemo 12-48 volts input
- HDMI 2.0 output
- 1 x RJ-45 Ethernet
- 250 GB SSD (M2) included
- Passive & cooling options
- 2 Microcontrollers for quickflash & relay on/off control
- W:180mm H:42mm D:110mm
- Lifetime January 2026



Optional

- 500 GB – 2 Terabytes SSD (internal)
- Several GPS, Camera options
- Pretrained Smart City models
- 100% Driver Jetpack support (without patch)

EDGE DEVICE / SKU: RB-MEDIA

Features

- NVIDIA® Jetson AGX Xavier™ SOM
- ARM64 CPU & NVIDIA Volta 512 & 64 Tensor (Cores)
- 32 (AGX) gigabytes of RAM
- 2 x USB 3.x connectors
- Lemo 12-24 volts input
- HDMI 2.0
- 2 x RJ-45 Ethernet (both gigabit)
- 250 GB SSD (M2) included
- Half rack of a 19' unit
- Active cooling
- W: 42mm H:43.5mm D:220mm
- Lifetime January 2025

Optional

- 500 GB – 2 Terabytes SSD (internal)
- Internal Mobile Network Modem
- 100% Driver jetpack support (without patch)





GUSTAV SERVER

REBOTNIX TRAINING SERVER X86 / 64 BIT / SKU: RB-DESKTOP

Features

- NVIDIA® PNY Ampere A100-40GB PCIe 4.0
- 40 Gigabytes of GPU RAM
- 64 Gigabyte Server Server RAM
- 2 x Gigabit network cards
- 16 Terabytes SSD drives
- All CUDA drivers pre-installed
- Latest NVIDIA® SDK for deep Learning
- X86 / 64 Bit Ubuntu OS
- 2 x Intel Xeon CPU

Ideal Solutions

AI Training with REBOTNIX® VISIONTOOLS



REBOTNIX SENSORS & COMMUNICATIONS

REBOTNIX CAMERAS

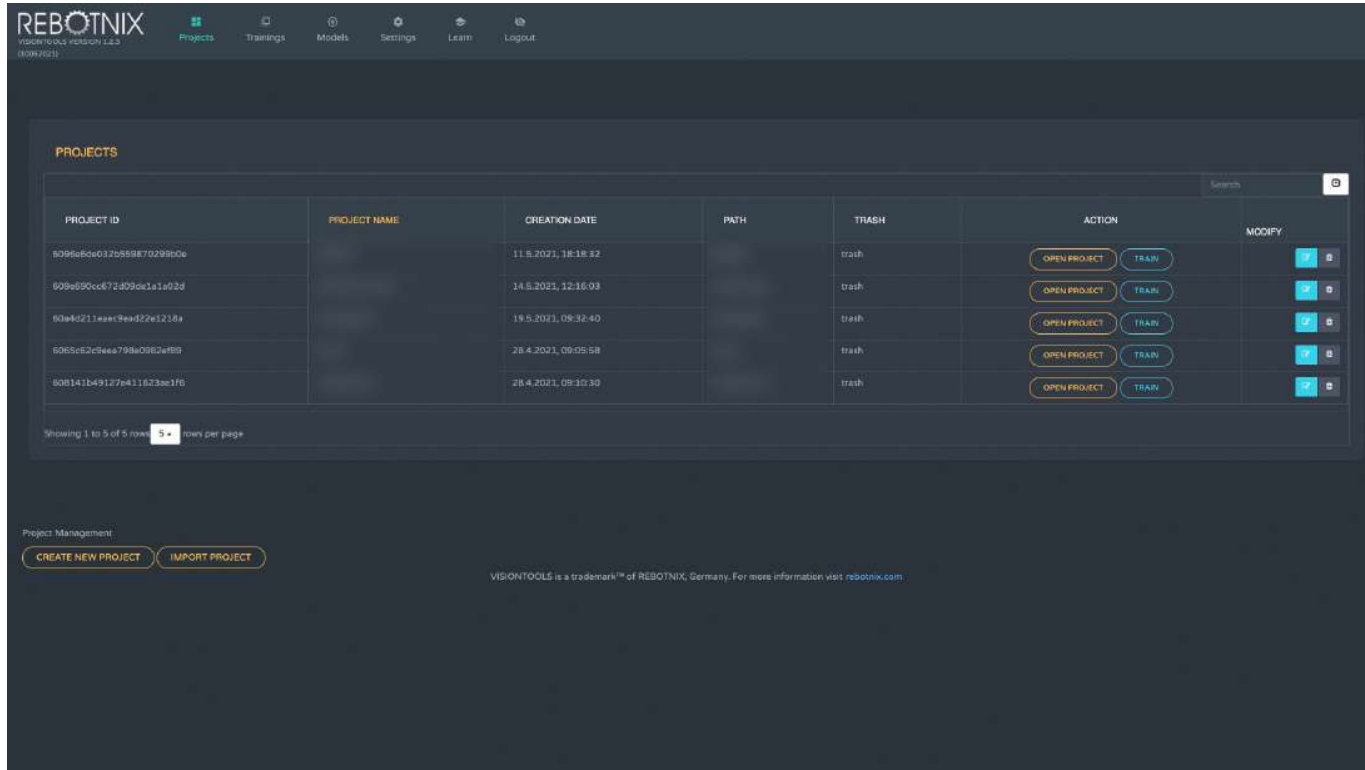
Features

- Several POE (Power over ethernet) cameras
- IP Cameras (H.264 & H.265)
- Capturing support for all GUSTAV edge devices
- Standard & industrial GPS
- RTK GPS Station cloud service
- RTK Industrial high accuracy GPS
- LTE or 5G industrial modems
- All external components & drivers on requests



Digital Factory Software

REBOTNIX® VISIONTOOLS ENGINEERED TO BUILD AI BASED PLATFORMS



REBOTNIX® VISIONTOOLS is a multiuser application for creating a complete platforms for AI driven based platforms. The software allows the management of projects millions of datasets, state of the art AI models and multi-client capability.

Users can train and transform their own local dataset into powerful models without one line of coding. They can work together on in a internal model, test models on images or videos, regardless of their location or network (VPN, 3G, 4G, or 5G).

In addition, there is a multi-tenancy capability to distribute individual users with rights to different projects.



LOW ENERGY
IN EVERY STEP

PROJECTS

PROJECT ID	PROJECT NAME	CREATION DATE	PATH	TRASH	ACTION	MODIFY
8098e8dc632b588e702990e		11.5.2021, 18:18:32		trash	<button>OPEN PROJECT</button> <button>TRAIN</button>	<button>+</button> <button>-</button>
8098e8dc632b588e702990e		14.5.2021, 12:16:03		trash	<button>OPEN PROJECT</button> <button>TRAIN</button>	<button>+</button> <button>-</button>
8098e8dc632b588e702990e		19.5.2021, 09:32:40		trash	<button>OPEN PROJECT</button> <button>TRAIN</button>	<button>+</button> <button>-</button>
8098e8dc632b588e702990e		28.4.2021, 09:05:58		trash	<button>OPEN PROJECT</button> <button>TRAIN</button>	<button>+</button> <button>-</button>
8098e8dc632b588e702990e		28.4.2021, 09:10:30		trash	<button>OPEN PROJECT</button> <button>TRAIN</button>	<button>+</button> <button>-</button>

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Project Management

TRAINING

TOTAL MODELS: 10 - RUNNING: 0 - STOPPED: 8 - COMPLETED: 1

MODELS



CO2



KWH



COSTS



PROJECT-NAME	MODEL / TRAIN ID	MODELNAME	DESCRIPTION	DATE	PROGRESS	MODEL	STATUS	ACTION
	806e1a0722088dea2d30a57			7.4.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>
	8091734d3278556c9d723b88			4.5.2021	COMPLETED	rb_yv4csp img_size:512	finished	<button>OPEN</button> <button>EXPORT</button> <button>DELETE</button> <button>+</button>
	80900b0a72418c326592e53			3.5.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button> <button>+</button>
	80867d5feca4a553a21a02ae			26.4.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>
	80810f8a10a24dca92b75509			22.4.2021	STOPPED	rb_yv4big img_size:608	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>
	807d54949127e411623ae1f6			19.4.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>
	80a228f6b307548f8e57ecc6			17.5.2021	INIT	rb_yv4big img_size:608	failed	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button> <button>+</button>
	808ea476c873d09da1a1a02f			14.5.2021	STOPPED	rb_yv4mish img_size:396	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button> <button>+</button>
	8076u9882716b68485f91a2			14.4.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>
	8068150660c7babb2f5e165d			1.4.2021	STOPPED	rb_yv4csp img_size:512	stopped	<button>OPEN</button> <button>RESUME</button> <button>EXPORT</button> <button>DELETE</button>

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Digital Factory Software

REBOTNIX®

Features

- Project & Management for planing, training and deployment
- Internal Labeling-Tool for Images & Videos
- Train unlimited models on GPU
- Internal AI modelstore
- Inferencing unlimited models
- Export models to edge computing devices
- Encryption of exported models
- Co2 and energy cost calculator
- Works on X86 or ARM (both 64 Bit) systems
- Perfect for object detection & segmentation
- Export Models for Onnx, Yolo & Detectron2
- REBOTNIX export to TRT included
- TRT & TLT Engine as static binary inference C++ & Python wrapper
- Runs on ARM / NVIDIA Jetson edge devices
- INT8, FP16 or FP32 Export
- No cloud connection required

Our Models

PRODUCTION-READY MODELS PRE-TRAINED WITH MILLIONS OF CUSTOM DATASETS



PRIVACY FOR EVERY FACE OR PERSON



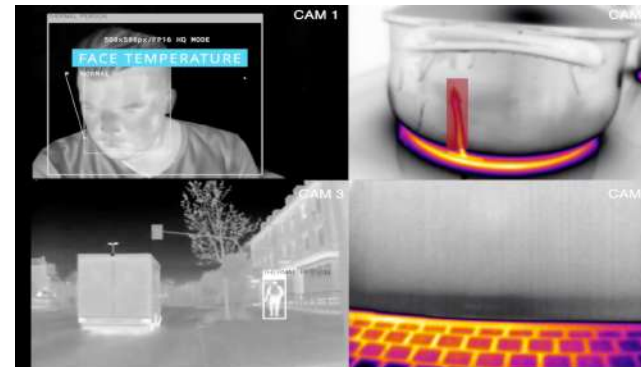
DETECT EVERY LICENSEPLATE



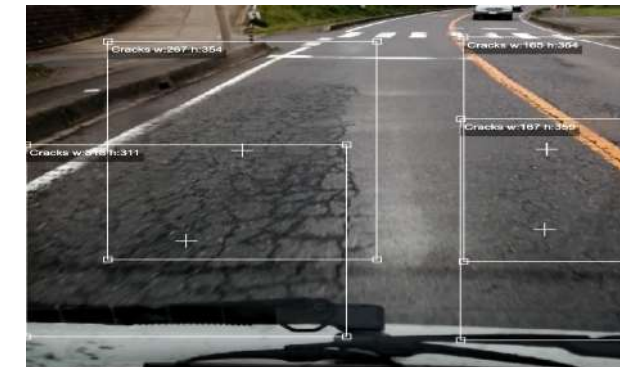
INTELLIGENT FIRE DETECTION



RECOGNIZES THE USE OF WEAPON



DETECT OBJECTS BY NIGHT



SMART CITY / ROAD CONDITION



**LOW ENERGY
IN EVERY STEP**

Use scenarios

OUR READY TO GO PLATFORMS, BASED ON OUR SOFT- AND HARDWARE TECHNOLOGY



MONITORING & AUTOMATION OF INDUSTRIAL PLANTS



WE CONVERT VEHICLES TO DATA SUPPLIERS



WE CONVERT CAMERAS TO SENSORS



WE CONNECT NETWORKS THROUGH FAST META DATA TRANSFER



**LOW ENERGY
IN EVERY STEP**

Our Platforms

OUR READY TO GO PLATFORMS, CREATED WITH OUR SOFT- AND HARDWARE TECHNOLOGY



Privacy has never been easier

<https://privacy.rebotnix.com>



Fire & Weapon

Q4 / 2021



**LOW ENERGY
IN EVERY STEP**

REBOTNIX

INDUSTRIAL SOLUTIONS

[HTTPS://REBOTNIX.COM](https://rebotnix.com)