fruitcorerobotics

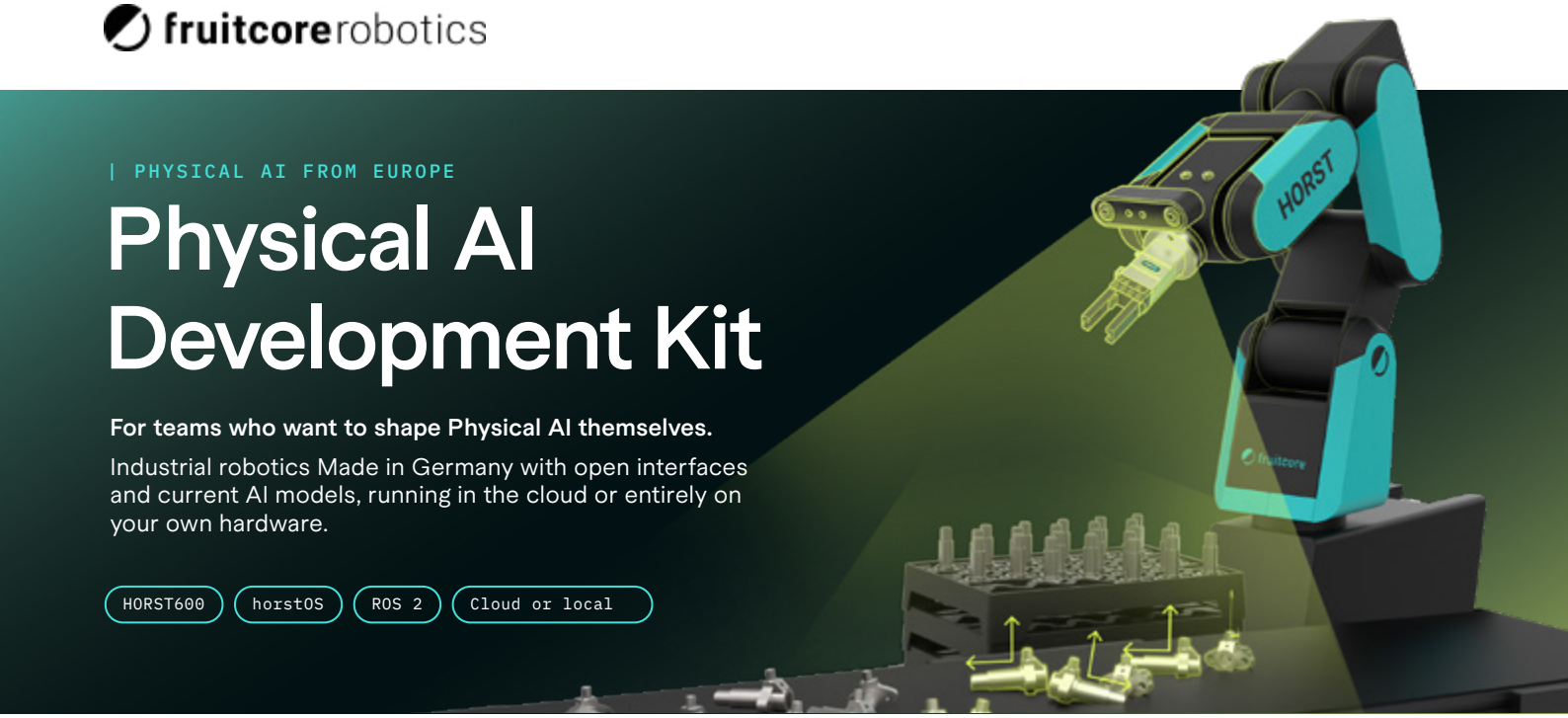
| PHYSICAL AI FROM EUROPE

Physical AI Development Kit

For teams who want to shape Physical AI themselves.

Industrial robotics Made in Germany with open interfaces and current AI models, running in the cloud or entirely on your own hardware.

HORST600 · horstOS · ROS 2 · Cloud or local



| THE CONFIGURATION

The kit as a finished cell

This is the kit with all options in the digital twin: HORST600 on the mobile base, one camera on the gripper and one fixed at the top of the cell frame.



01 **HORST600 industrial robot**
six-axis industrial robot | Item 1

02 **Parallel gripper, electric**
vacuum gripper also included | Item 1

03 **End-of-arm camera**
with flange adapter and cabling | Item 1

04 **Panel G2**
operating panel | Item 1

05 **Control**
controller, installed in the base | Item 1

06 **Static camera**
at the top of the cell frame | Option

07 **Mobile robot base**
for flexible positioning | Item 5

08 **Safety fence**
alternatively with laser scanners | Item 6

In the kit · Optional

| ITEM 1 · PHYSICAL AI HARDWARE & DEVELOPMENT KIT

The kit. Complete and ready to go.

- **HORST600 industrial robot** incl. Control & Panel G2
- **End-of-arm camera** for visual scene capture, incl. flange adapter and cabling
- **Vacuum gripper (electric),** enclosed as a ready-to-mount component kit
- **Parallel gripper (electric),** enclosed as a ready-to-mount component kit
- **Open interfaces for co**ntrolling robot, gripper, camera and I/O and for integrating your own AI agents and ROS 2 applications
- **Interface documentation**
- **Access to the GitHub repositor**y with code examples and sample projects



Item 1, one-off, net
€17,995

| YOUR COMPUTE UNIT

Cloud or local. You decide where your AI runs.

ITEM 2 · OPTIONAL, ALTERNATIVE TO ITEM 3

Cloud AI PC

Development kit for using cloud-based AI models. Preconfigured and delivered ready for development.

CPU	AMD Ryzen 7 5700, 8 cores, up to 3.7 GHz
GPU	NVIDIA GeForce RTX 5060 Ti with 8/16 GB GDDR7
Memory	32 GB DDR4 RAM · 1 TB M.2 NVMe SSD
Network	Ethernet switch, cabling PC to switch / switch to robot
Models	Preconfigured access to cloud-based AI models via API
Credit	€1,000 starting credit usable across models (valid 2 years)

one-off, net **€3,995**

ITEM 3 · OPTIONAL, ALTERNATIVE TO ITEM 2

Local AI compute unit NVIDIA Jetson Thor

Development kit for using local and cloud-based AI models. Switch between on-premise and cloud at any time.

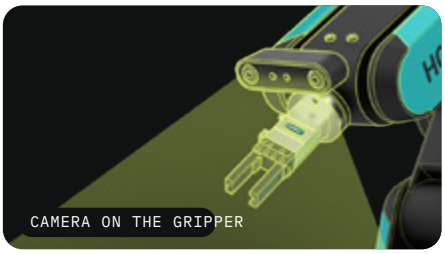
Performance	up to 2,070 TFLOPS (FP4, sparse)
GPU	2,560-core NVIDIA Blackwell GPU with 96 Tensor Cores (5th gen.), MIG-capable
CPU	14-core Arm Neoverse-V3AE 64-bit, up to 2.6 GHz
Memory	128 GB LPDDR5X (256 bit, 273 GB/s) · 1 TB NVMe M.2 SSD
Network	1× 5 GbE RJ45, 1× QSFP28 (4× 25 GbE), Ethernet switch, cabling
Models	Local AI inference on-premise; access to cloud models; automatic choice of the suitable AI model by fruitcore
Credit	€1,000 starting credit usable across models (valid 2 years)

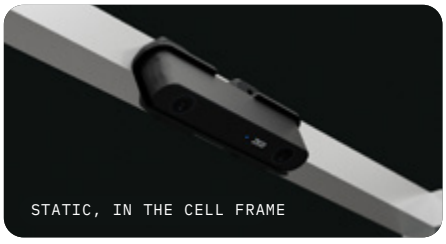
one-off, net **€12,995**

Not included in either variant: Further PC workstation equipment such as monitor, mouse and keyboard

| OPTIONAL

Cameras, voice, teleoperation





USB camera for cloud AI	Stereolabs ZED 2i with USB cable, tripod and camera mount.	on request
GMSL2 cameras for local AI	Two Stereolabs ZED X Mini with GMSL2 connection, cabling and tripods or mounts.	on request
Calibration set	Dimensionally accurate calibration board with mount, relating camera, robot and work area in space.	on request
Voice input and output	USB speakerphone with microphone and loudspeaker. Software setup as agreed.	on request
Teleoperation set	Two VIVE Controllers (2018), two SteamVR tracking stations, receivers and mounts. Robot connection as agreed.	on request
Multi-camera system	Extension based on the Hybrid Autonomy Kit or Robotics 360° Perception Kit, each with its own vision compute unit.	on request

We design the GMSL2 connection to match the local AI compute unit and connection solution.

ITEM 4 · €0

PLEXA OS Simulation Layer – Early Access

Create automation environments with prompt-to-setup and train sequences in a realistic physics simulation environment. Pre-installed, requires item 2 or 3.

Prompt → Setup → Training

OPTIONAL · ITEMS 5–8

Towards the finished cell

5 · Mobile robot base	on request
6 · Safety equipment, either safety fence or laser scanners	on request
7 · Assembly, pre-commissioning & delivery as a CE-compliant product (requires items 5 and 6)	on request
8 · Packaging (excl. shipping)	€200

ONE-OFF · GROSS INCL. 19% VAT

	NET	GROSS
V1 Items 1 + 8	**€18,195.00**	€21,652.05
V2 · Cloud AI Items 1 + 2 + 8	**€22,190.00**	€26,406.10
V3 · Local AI Items 1 + 3 + 8	**€31,190.00**	€37,116.10

// Industrial Robot // Flexible Gripper // 3D Camera // No-Code Software



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