

PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR)

Missione 4 - Componente 2 - Investimento 1.3

“Partenariati estesi alle università, ai centri di ricerca, alle aziende per il finanziamento di progetti di ricerca di base” - Finanziato dall'Unione europea – NextGenerationEU

Avviso MUR D.D. n. 341 del 15.03.2022

Partenariato Esteso “NEST - Network 4 Energy Sustainable Transition”

D.D. n. 1561 del 11.10.2022

Codice Identificativo: PE00000021 - CUP: E63C22002160007

CAPITOLATO TECNICO

N 1 SPEEDGOAT GmbH

Performance real-time target machine (P3)

Complete, fully assembled, and tested Performance realtime target machine with access to I/O modules at the front side. Including 19" 4U aluminum chassis, integrated AC/DC power supply, low-noise fans, 8 GB Memory, 128 GB SSD, industrial-grade mainboard with 4-core 3.1 GHz Intel Core processor and onboard expansion slots to accommodate up to 7 I/O modules.

Onboard communication: 1x Gigabit Ethernet interface for host-target communication, 1x Gigabit Ethernet interface supporting network protocols such as EtherCAT Master, UDP, TCP/IP, XCP Master, Modbus TCP and many more (the supported protocols might depend on the MATLAB release and separately purchased run-time licenses), 2x RS232 serial ports supporting baud rates up to 115.2 kbps, 4x Type-A and 1x Type-C USB ports supporting USB 3.1 Gen 2 (10 Gbps). Operating temperature range: 0 to 60 °C.

Performance-P3-CPU-3.6GHz-8Core

Replaces the 4-core 3.1 GHz Intel Core with an 8-core 3.6 GHz Intel Core processing unit, enabling deployment of large-scale and complex Simulink models.

---- Optional upgrades ----

Performance-P3-RAM-32GB Performance-P3-SSD1TB

---- Optional Interfaces ----

Modbus TCP Client/Server Run-Time License DNP3 Master/Outstation Run-Time License IEC61850 Client/Server Run-Time License

Speedgoat Fundamentals – Half-Day Web Credit Jumpstart Web Session

Duration: Half day

Location: Online (live from Central European or US Eastern time zones)

Maximum number of attendees: 5

5 Years Systems Software Maintenance and Support Service

The 5-Year Systems Software Maintenance and Support package provides added protection