speedgoat
real-time simulation and testing

DSTL
Defence Science and Technology Lab
201, Bldg 5
Porton Down
SP4 0JQ Salisbury
United Kingdom

Quotation No.   Q_0224_140500

Date of quotation	13 February, 2024
Quote validity	30 days
Currency code	CHF
Your reference	████████
Our reference	████████████
Exp. delivery time	24-28 weeks after receipt of purchase order
Delivery terms	DAP (Incoterms 2020), Salisbury, UK
Delivery by	FedEx
Payment terms	30 days net after delivery and invoice date
Payment method	By wire transfer
Anticipated shipping weight	72 kg
Comments	Identical to SN5484

Pos	Item-ID	Item description	Qty	Price	Total
		SPECIAL PRICING for DSTL only **CATEGORY 1 of LIcensing Agreement with DSTO**			
2	109200	**Performance real-time target machine** Complete, fully assembled, and tested Performance real-time target machine. Including 4U 19" aluminum chassis (rack mounting brackets included), 400W power supply, low-noise fans, industrial mainboard, sixth (latest) generation Intel Core i3 dual core 3.7 GHz CPU, 4096MB RAM, 120GB SSD, 4 x PCIe and 3 x PCI I/O slots, 1x Gigabit Ethernet port for communication with the development computer, 1x Gigabit Ethernet port for Ethernet-based protocols such as EtherCAT Master, real-time UDP, TCP/IP, or XCP master for bypassing (the supported Ethernet-based protocols depend on your MATLAB release), 1x COM port (RS232) supporting baud rates up to 115kbs, USB port for kernel transfer, 1 x PS/2 keyboard port, and 1 x VGA, 1 x DVI-I and 1 x HDMI for target screen. Supported operating temperature range: 0 to 60°C.	█	██████	████████
3	109211	**Performance-CPUCorei74200** Intel Core i7 4.2GHz CPU with four cores instead of Intel Core i3 dual core 3.7 GHz CPU.	█	██████	██████
4	109048	**Performance-SSD500GB** 500GB Samsung SSD drive instead of 120GB Kingston flash drive. Ideal to log data at high rates. Supporting read transfer rates up to 540MB/s, and write transfer rates of 520MB/s.	█	██████	██████
5	109006	**Performance-Deep/FrontIO** This option replaces the default housing with a version having an extended depth of 441mm instead of 349mm supporting full-size PCI(e) I/O modules and FPGA interconnects.	█	██████	██████

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Speedgoat GmbH
Waldeggstrasse 30
3097 Liebefeld
Switzerland

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Fax ████████████
www.speedgoat.com

Pos	Item-ID	Item description	Qty	Price	Discount	Total
6	2D3426	**IO342-1.45M-2FMC-Performance** FPGA-based PCIe8 I/O module with Kintex 7 Ultrascale FPGA with 1,45 mio. logic cells, 5,520 DSP slices, 75.9Mb block RAM, 8 GB DDR4 RAM, and DMA support for data logging. For front I/O expansion, the IO342 provides one VITA 57.4 compliant HPC+ FMC slot, and one VITA 57.1 compliant HPC FMC slot. Also provided at the front is one SFP+ cage. In addition 8 x rear MGT (multi-gigabit transceiver) provide support for data exchange leveraging the Xilinx Aurora protocol, and 9 x rear digital LVDS I/O channels support trigger/synchronization concepts between multiple FPGA-based I/O modules installed into the same enclosure. The module is sent separately to the Real Time Target Machine and must be installed by the customer. Includes Speedgoat driver blockset for R2023a. Installed in Performance real-time target machine and fully tested. Rev.B	██	██████		██████████
7	2O3426	**IO342-63-DC-SSMC-Performance** IO342-63 (FMC120) front plug-in for IO342. 4 x 16-bit analog inputs (ADS54J60) supporting 1 GSPS (AC or DC), and 4 x 16-bit analog outputs (DAC38J84) supporting 1 GSPS. With SSMC connectors and single-ended DC coupling. Delivery does not include I/O cable and terminal board. Includes Speedgoat driver blockset for R2023a. Installed in Performance real-time target machine and fully tested.	██████		██████	
8	305088	**IO3XX-IOCable-Int-MGT-DIO-1-1** Internal firefly-firefly MGT cable, connecting one IO3xx with one additional IO3xx I/O modules, for Aurora communication. Additionally 4 differential GPIOs are available for synchronisation.	██	██████	██████	██████
9	305094	**IO342-IOCable-Int-QSE020** SAMTECcable with two connectors on both ends, connecting two IO342 I/O modules via the rear on-board SAMTEC QSE-020 connector providing 9 x LVDS I/O lines. For synchronization and triggering purposes, and to exchange data. EQCD-020-09.00-TTL-TBR-1-B	██	██████	██████	██████
10	307000	**3 Years Full Service Package** Real-time target machines are typically used for many years for a range of projects leveraging the latest MathWorks software technology. The *3-Year Full Service Package* protects your investment by combining the *Level One Hardware Warranty* package with extended *Systems Software Maintenance and Support Services*. The *Level One Hardware Warranty* package provides: a). repair services including loaner replacements in case anything breaks, so that you only experience minimal downtime; b). the *Systems Software Maintenance and Support Service* package that offers access to the latest Speedgoat software compatible with future MathWorks software releases; and c). professional, technical phone, email and Web support, **all for a total period of 3 years.** The *Systems Software Maintenance and Support Service* can be renewed after the initial service period.				██████

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Pos	Item-ID	Item description	Qty	Price	Discount	Total
		Packaging & Freight				███
		Delivery by: FedEx				

Total net					**CHF**	**288,213.80**

Speedgoat Terms and Conditions of Sale are part of the purchase and sale:

████████████████████████████

With best regards,