

Pos	Item-ID	Item description	Qty
1	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 flash device, 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.	1
2	109211	Performance-CPUCorei74200 Intel Core i7 4.2GHz CPU with four cores instead of Intel Core i3 dual core 3.7 GHz CPU.	1
3	109221	Performance-RAM-32GB Extends RAM to a total of 32GB (DDR4, 2133 MHz, Kingston HyperX Fury), to use as RAM drive (R2017a+)	1

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4	109055	Performance-SSD1TB 1TB SSD drive instead of 120GB flash drive. Ideal to log large amounts of data at high sample rates. Supporting read transfer rates up to 550MB/s, and write transfer rates of 520MB/s.	1
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.	1
6	109097	Performance-IOExpansion-16PCI/2PCle Expands the Performance real-time target machine with a separate Performance-Chassis providing 16 additional PCI and 2 additional PCle I/O slots. The enclosure has extended depth of 441mm instead of 349mm, supporting full-size PCI I/O modules.	1
7	2A2046	IO204-24-HS-Performance Parallel digital I/O module with 16 24V inputs and 16 24V/0.5A outputs, high-side. The IO204 requires an external DC power supply in the range 6V to 48V DC. The switching hysteresis for the inputs is ~12VDC. Includes Speedgoat driver blockset for R2017b, I/O cable, and terminal board. Installed in Performance real-time target machine and fully tested. Rev.A1	1
8	205046	IO504-Performance 8-port RS232/RS422/RS485 I/O module for baud rates up to 920 kb/s (RS232) and 5.5296 Mb/s (RS422/485). Includes Speedgoat driver blockset for R2017b, I/O cable, and terminal board. Installed in Performance real-time target machine and fully tested.	2
9	206016	IO601-Performance Intelligent CAN I/O module with two galvanic isolated high/low speed 2.0b CAN ports, or one CAN and one LIN port. SAE J1939 driver support is available for both ports. Including loopback test cable. Includes Speedgoat driver blockset for R2017b, I/O cable, and terminal board. Installed in Performance real-time target machine and fully tested.	8
10	207136	IO713-Performance Gigabit Ethernet I/O module providing four ports to communicate with other nodes such as other target machines via real-time UDP (R2012b+), EtherCAT Master (R2011b+), or Raw Ethernet (R2012b+). Operating temperature range: -40 to + 85°C. Includes Speedgoat driver blockset for R2017b, I/O cable, and terminal board. Installed in Performance real-time target machine and fully tested.	1