

EB 9101v/d

Data-logging, data pre-processing/visualization, and simulation e.g. for predevelopment projects; SiL/HiL system for ADAS/AD ECU testing



Processor, RAM, Storage	<ul style="list-style-type: none"> ▶ Processor: Computing Core: Intel® Xeon® E3-1275 v6, Quad Core ▶ Memory: 32 GB DDR4 RAM (64 GB on request) ▶ 256 GB M.2 System SSD
Connectivity	<ul style="list-style-type: none"> ▶ 4 x GbE (RJ-45) ▶ 4 x USB 3.0 ▶ 2 x USB 2.0 ▶ 1 x RS-232/422/485 ▶ 1 x 1 x PS/2 (mini-DIN-6) ▶ 1 x VGA ▶ 1 x DVI-I (DVI-D signal) ▶ 1 x DP++
Power supply	<p>EB 9101v (in a vehicle)</p> <ul style="list-style-type: none"> ▶ Connector: NEUTRIK NAC3MPX ▶ Normal voltage range: 7 V - 33 V (for 12 V or 24 V battery systems) ▶ Peak voltage range: 6.5 V - 36 V (less than 10 seconds at 50% duty cycle repetition) <p>EB 9101d (laboratory or on a desktop)</p> <ul style="list-style-type: none"> ▶ Connector: Cold-device plug ▶ Cold-device plug: 230 V
Physical characteristics	<ul style="list-style-type: none"> ▶ Size (W x H x D) 292 mm x 150 mm x 290 mm (without storage extension) ▶ Operating temperature 0 to 50 °C ▶ Humidity 5% to 95% non-condensing
PCIe connectors	<ul style="list-style-type: none"> ▶ 2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) ▶ 2 x PCIe x4 (Gen 3)
Optional product extensions	<ul style="list-style-type: none"> ▶ „Storage extension“ for up to 5 storage media (max. storage capacity 20 TB) ▶ EB Assist bus tools, modular I/O slot cards, I/O interface modules, and simulation tools

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EB 9200

Data-logging especially for mass production projects,
robust design for rough environments



Processor, RAM, Storage	<ul style="list-style-type: none"> ▶ Processor: Intel® Core™ i7-5700EQ (4 x 2,6 GHz) ▶ RAM: 16 GB RAM ▶ Storage: System SSD 512 GByte
Connectivity	<ul style="list-style-type: none"> ▶ 2 x RJ-45 10 Gbit Ethernet ▶ 6 x RJ-45 1 Gbit Ethernet ▶ DisplayPort ▶ 2 x SATA 6G (external) via SFF-8088 (lockable) ▶ 4 x USB 3.0 Host / 1 x USB 3.0 Client ▶ M.2 mass storage interface (internal) ▶ CFAST mass storage interface (accessible from outside) ▶ SYSCTRL (Ignition In, clamp 15, CAN bus for control purposes) ▶ GPIO (4 x in, 4 x out - ca. 1A HighSide, 12 V power supply) ▶ WLAN 802.11 a/b/g/n ▶ GPS (position and time) ▶ Microphone input for voice recording during a test drive (trigger point) ▶ Headset output
Power supply	<ul style="list-style-type: none"> ▶ 12 V, 24 V (cranking save in the car down to 6,5 V) ▶ Power consumption ~ 40 ... 120 Watt depending on utilization and level of performance.
Physical characteristics	<ul style="list-style-type: none"> ▶ Size (W x H x D) 320 mm x 44 mm (1 u) x 250 mm (without storage extension) ▶ Supported operating temperature range -25 °C - +70 °C (typical performance) ▶ Weight ~ 8 kg
Optional product extensions	<ul style="list-style-type: none"> ▶ EB 9210/20: Storage bay with storage cartridge for up to 16 TB SSD ▶ EB 9230: Measurement extension 44mm ▶ EB 9240: Measurement extension 88mm ▶ EB 9250: Uninterruptable power supply ▶ EB Assist bus tools, modular I/O slot cards, and I/O interface modules
Usage of products, labels, certifications	<p>EB 9200 and its add-ons are certified for the usage in the following countries:</p> <ul style="list-style-type: none"> ▶ USA (FCC) ▶ Canada (ICES) ▶ EU (CE) ▶ Japan (VCCI)

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