EB 9100

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

Processor, RAM, Storage	▸ Processor: Computing Core: Intel I7-4790T ▸ RAM: 16 GB DDR3 RAM (32 GB optional) ▸ Storage: System SSD 256 GB
Connectivity	EB 9100 has the following connectivity options: ▸ 1 x HDMI ▸ 1 x DVI ▸ 4 x USB 3.0 ▸ 2 x USB 2.0 ▸ 2 x RJ-45 (Gigabit Ethernet) ▸ 2 x DB-9 RS232/422/485 serial ports ▸ 3 x Audio jacks (line-in/surround, line-out, 　and Mic-in/center + subwoofer jacks)
Power supply	**EB 9100 (in a vehicle)** ▸ 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) **EB 9110 (laboratory or on a desktop)** ▸ Connector: Cold-device plug ▸ Cold-device plug: 230 V
Physical characteristics	Characteristic Measurements ▸ 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	▸ 2 PCIe x 16 Gen 3 connector (PCIe 3.0), 2 x 8 signal ▸ 1 PCIe x 4 Gen 2 connector (PCIe 2.0) ▸ 1 PCIe x 1 Gen 2 connector (PCIe 2.0)
Optional product extensions	▸ Storage extension ▸ EB Assist bus tools, modular I/O slot cards, I/O interface modules, 　and simulation tools

EB 9200

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

Processor, RAM, Storage	▶ Processor: Intel® Core™ i7-5700EQ (4 x 2,6 GHz) ▶ RAM: 16 GB RAM ▶ Storage: System SSD 128 GByte
Connectivity	▶ 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	▶ 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	▶ 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	▶ 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	EB 9200 and its add-ons are certified for the usage in the following countries: ▶ USA (FCC) ▶ Canada (ICES) ▶ EU (CE) ▶ Japan (VCCI)