EB 9101 v/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 | Processor: Computing Core: Intel® Xeon® E3-1275 v6, Quad Core  
|                         | Memory: 32 GB DDR4 RAM (64 GB on request)  
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<th>256 GB M.2 System SSD</th>
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| Connectivity            | 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            | EB 9101 v (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 9101 d (laboratory or on a desktop)  
|                         | Connector: Cold-device plug  
|                         | Cold-device plug: 230 V |
| Physical characteristics | 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 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3)  
|                         | 2 x PCIe x4 (Gen 3)               |
| Optional product extensions | „Storage extension“ for up to 2 storage media (max. storage capacity 20 TB)  
|                         | 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 512 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) |