

# For mobile vehicle operations

**In the field of mobile vehicle operation, embedded PCs are predominately used. Additional features are multiple interfaces and wireless communication. The embedded PC IVS-300 from ICP DAS combines all these features in one.**

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(Photo: IPC DAS)

The design of 255 mm x 185 mm x 80 mm offers space for one CAN interface. Other interfaces such as two EIA-232, one VGA, one HDMI, one isolated digital I/O, and one EIA-422/485 interface as well as four Gigabit PoE LAN are also possible. The latter enable the connection of up to four PoE devices such as IP cameras that can be used for video surveillance.

The two 2,5-inch SATA 6 Gb/s SSD drive bays can be used for the expansion of storage capacity. Owing to the input voltage between 9V<sub>DC</sub> to 36 V<sub>DC</sub>, the operating temperature range from -20 °C to +60 °C, the E-Mark as well as the MIL-STD-810F certification the IVS-300 is eligible for mobile applications. The wireless communication is enabled via an optional 3G kit per dual SIM and a Wi-Fi kit. Both modules are available with or without Bluetooth function. In this way, WLAN and WWAN ranges can be covered as needed. Due to the integrated GPS a real-time location of vehicles is possible at any time.

The product is available with an Intel Celeron Quad-Core 20 GHz of the ULT series or a Core i5 Dual-Core 2,4 GHz processor that only has max. 15 W TDP. On request, ICP delivers this embedded PC also with memory, mass storage, and Windows operating system as completely pre-installed ready-to-use system.

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