

## ALL IN ONE PC



### Rugged control units

ALL IN ONE PC rugged control units are custom-produced for specific applications. Processors i3, i5 and i7 are integrated based on the performance requirements (all in „fan-less“ design). The display is also optional featuring high resolution and contrast ranging between 7“ up to 26“ display diagonal. Inner display is connected to graphic adapter via digital LVDS interface. These devices are standardly provided with rugged TERRAPIN connectors (different type may be implemented if requested). The front panels of control units can be optionally equipped with SW programmable side buttons.

#### Purpose

ALL IN ONE PC rugged control units are intended to be implemented both into wheeled and tracked vehicles and into stationary workstations such as container type, etc. Compact all in one solution saves space and simplifies cable connection between control units and peripheries.



## Main TTD

|                          |  |
|--------------------------|--|
| Type                     | ALL IN ONE 20"   |
| Display                  | 20.1" touch  |
| Contrast                 | 500:1 (Standard)   |
| Resolution               | 1600 x 1200 pixels   |
| CPU                      | Intel Core i7 Quad 2.1 to 3 GHz  |
| RAM                      | Up to 8 GB DDR3  |
| LAN                      | 2 x 10/100/1000 Mbit Ethernet  |
| COM                      | 2 x RS232  |
| USB                      | 8 x USB 2.0  |
| SSD                      | 250 GB (Standard)  |
| Optional extension       | I/O ports card   |
|                          | COM ports card   |
|                          | LAN ports card   |
|                          | Radio-module   |
|                          | CAN  |
| Operational system       | Windows XP, Windows 7, Windows 8.1,<br>Windows Embedded Standard 7,<br>Windows Embedded Compact 7,<br>Windows Embedded 8,<br>Linux |
| Power Supply             | 12 V to 24 V DC  |
| Operational temperatures | -32 to +60 °C  |
| Storage temperatures     | -40 to + 63 °C   |
| Dimension                | 488 x 356 x 101 mm   |
| Weight                   | 13 kg  |

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