

## 12" Computer with Picture-in-Picture Video Input

type number 01051



### Main Features:

- Ruggedized computer system for use under harsh environmental conditions as in wheeled or tracked armoured military vehicles
- Front panel controls are backlit foil keys. Keydimming depends on display brightness.
- Eight-wire resistive touch system
- Keyboard with 6 function keys
- The CCIR-camera picture can be displayed as an overlay within the computer graphics.

### Options:

- Flash Disk S-ATA instead of HDD
- WLAN, bluetooth, UMTS, modem, fiberoptical-LAN
- Joystick
- FDD and CD / DVD external
- Display with filter for use with night vision equipment
- Heating system for -30 °C operating
- Camera module
- GPS module UBlox-5H
- SDIP 27 Level B
- MIL-STD 461E navy mobile & army
- 1 or 2 additional COM-Ports with DB9 or MIL connectors
- CAN-Bus
- Customised versions with other interfaces or connector types available on request

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Technical Data:

Display:	12.1" XGA LED LCD with touchscreen Optional sunlight readable
CPU:	Intel Core 2 Duo ULV 1.06 GHz L2 cache 2 MB
Chipset:	North Bridge: Mobile Intel 945GM / GME Express South Bridge: Intel 82801GHM ICH7
Graphics:	224 MB SMA (max.) Intel Graphics Media Accelerator 950 (GMA 950), integrated 256 Bit, 400 MHz core 3D / 2D, Dynamic Video Memory Technology (DVMT)
RAM:	1 GB up to 4 GB DDRII-RAM (The maximum RAM size availability depends on type & version of the installed operating system.)
Storage:	Removable 2.5" S-ATA HDD 120 GB
Interfaces:	2x USB 2.0, 1x serial, 2x 10 / 100 MBit LAN, 1x DC-In, 1x Docking Connector, 1x PCMCIA Type II, 1x Express Card
Sound:	AC97 Sound and integrated speakers
Controls:	On / Off, LCD brightness, up / down, 6 free programmable function keys
Power supply:	External vehicle converter type no: 01070 required 24 V DC (18 V DC - 32 V DC) according to VG 96916-5 without interruptions
Environment:	IP 54, MIL-STD 810F, MIL-STD 461E, Navy Fixed & Air Force
Dimensions:	353 x 260 x 84 mm (W x H x D)
Weight:	approx. 4 kg
Color:	RAL6031 HR bronze green or TBD

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