

# ARTEMIS 2G 8''

The new generation of the ruggedized tactical terminal proposed by ATERMES



## Key Features:

- ❑ Adaptable to every specific need
- ❑ State of the art CPU power
- ❑ Designed to meet harshest environments such as tropical ones, tracked vehicles..
- ❑ VIDEO Frame grabber, optional Communication CPU board
- ❑ High quality sunlight readable screen with 24 bits/color pixel dynamic allowing an optimal B&W video display
- ❑ Sturdy and adaptable

**ARTEMIS** flexibility makes it possible to use it for a various kind of military, paramilitary and industrial missions.

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## Technical Specifications:

### CPU:

- Windows family, 32 or 64 Bits, Linux
- Processor: Intel ULV Core i7 3517UE-1,7GHz, 17W Dual Core
- RAM Memory : 4 GB DDR3 1,6 GHz (up to 8 GB)
- Chipset: Intel QM77
- GPU HD4000
- DirectX 11, Shader Model 5.0 - 80 GFLOPs SP
- OpenGL 3.1 and OpenCL 1.1

### Screen:

- TFT LCD
- Dimension: 8''4
- Resolution: 1024 x 768
- Brightness: 500 cd/m2
- Backlight: LED
- Interface LVDS

### Storage unit:

- Compact Flash : 8 GB (up to 32 GB)

### Tactical interfaces:

- 2 Ethernet ports 10/100/1000 Mbits
- 2 SATAII and 1 SATAII CFast
- 4 USB ports 2.0
- 4 RS232/RS422
- 1 Mini PCIe

### MMI:

- Resistive touch screen
- Interface card control/Command:
  - 1 ON/OFF button
  - 1 secret mode button
  - 1 switch video button
  - 2 buttons for brightness

## Physical Specifications:

- Dimensions: 265 x 230 x 70
- Weight: 5 Kg
- Aluminium housing
- Power supply card 24V / MIL STD 1275B
- Connectors: Bernier for the security stick and 38999 series for other I/O

## Environment:

### Climatic - MIL-STD-810F:

#### Temperatures:

- In operation: -32°C to +70°C
- In storage: -40°C to +70°C

#### Wet heat: +60°C, 95%

#### Saline fog: +35°C, 5% NaCl, 6,5<pH<7,5

#### Immersion: IP65

#### Thermic shocks: depressurization, device OFF, in case of a parachuting.

### Mechanical :

#### Vibrations: 5-500 Hz, on 3 axis, 1h/axis (operating) and 2h/axis (non operating)

#### Shocks: half sine 40 g/11 msec, 3 shocks per axis and direction.

### Electromagnetic:

#### Mass continuity: lower than 2,5 mOhms

#### Emitted conduction: GAM EG13, A1 gauges of booklet 62, C1 tests and C2. STANAG 4370, tests NCE02 and NCE05.

#### Emitted radiation: GAM EG13, A1 gauges of booklet 62, R1 tests. GAM EG13, A1 gauges of booklet 62, R3 tests. STANAG 4370, tests NRE02 .

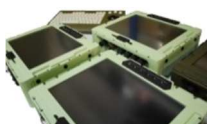
#### Susceptibility in conduction: GAM EG13, tests 61-C1 (A), C2 (A), C3, and C4.

#### Radiation susceptibility: GAM EG13, tests 63-R1 and R3. STANAG 4370, tests NRS02.

### Qualification:

#### Tracked vehicles, light and heavy:

STANAG 4370, AETCP400, method 401, annex B401, figure B4.



The complete range of ARTEMIS 2G family: 8'', 12'' and 15''

« the only tactical ruggedized PC that can follow you everywhere you go...  
...even where you can't go »

## ATERMES

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