



MOBILE PC **OB100**

M 2 M

Mobile Data

GPS Tracking

Remote Access



## OB100 Mobile PC Overview:

The **BVM OB100** is a rugged one box solution, fixed line alternative, for mobile site locations, transport, mobile data and machine to machine (M2M) applications. This powerful, compact mobile PC has integrated extensive 3G cellular, GPS and wireless capabilities (WiFi & Bluetooth).

Airtime options, passive and active antenna systems, and various mounting solutions means the **OB100** can be installed in a wide range of environments and used almost anywhere making the **OB100** mobile PC one of the most versatile on the market today.

- Energy efficient Atom processor
- 2GB of memory as standard
- Internal SATA hard drive
- A 12v power input with an optional mains power supply.
- Windows 7 operating system available



*"To be the First Choice  
Hardware Development Partner  
for IPC, Embedded Systems,  
Touch Screen Displays,  
OEM Design & Build."*





### Technical Specifications:

|                         |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Processor</b>        | Intel Atom D510 (Dual core /1.66/512KB x 2 L2 Cache)                                                   |
| <b>Chipset</b>          | Intel NM10 Express                                                                                     |
| <b>Memory</b>           | 2GB DDR2 667MHz                                                                                        |
| <b>Graphics</b>         | Intel Graphics Media Accelerator 3150 integrated graphics subsystem with support for analogue displays |
| <b>Audio</b>            | RealTek ALC662 audio codec for 5.1 (6 channel) Intel high definition audio and AC97 audio              |
| <b>Hardware Monitor</b> | Hardware monitoring through the Winbond legacy I/O controller                                          |
| <b>I/O</b>              | 2x PS2<br>4x USB 2.0<br>10/100/1000 Mb/s Ethernet LAN (RealTek 8111DL)                                 |
| <b>Cooling</b>          | Variable speed fan                                                                                     |
| <b>Panel indicators</b> | Power, HDD                                                                                             |
| <b>Panel buttons</b>    | Power, reset                                                                                           |
| <b>Dimensions</b>       | 65mm(H) x 265mm(W) x 210mm (D)                                                                         |
| <b>Weight</b>           | 2.2Kg                                                                                                  |
| <b>Wireless</b>         | HSUPA, HSDPA, UMTS, GPRS, GPS, 802.11b/G/N & Bluetooth                                                 |
| <b>Antenna support</b>  | 5v active and passive                                                                                  |
| <b>Power</b>            | 12v DC, 1A<br>Optional mains power supply                                                              |
| <b>Mounting</b>         | Various mounting options available, contact BVM for more information                                   |

### Images

Front



Rear

