



MAGNUM

- Up to 1.4GHz Pentium M
- Up to 1GB DRAM
- Multiple Standard I/O
- Wireless LAN, WAN and GPS options
- Custom onboard diagnostic and configuration utility
- Resistive touchscreen
- USB 2.0



- Internal Smart UPS
- Compact flash slot
- 10" and 12" displays
- 10V to 60V isolated internal power supply
- Daylight readable display
- Programmable function buttons
- Optional Screen Blanking



Information is the key to success in public safety. Whether sharing dispatch information, running a warrant check, reviewing a preplan, getting realtime weather updates, or simply doing reports, there is no better partner than the Magnum from Glacier Computer.

Face it, police officers, firefighters and EMTs are not the easiest on equipment, but you still need it to work. The Everest line of computers was designed with that in mind. Designed and built in the USA, the Magnum 10" and 12" have been tested in the most extreme conditions imaginable. With an IP-65 rating, you can be sure the Magnum is as tough as you are.

Hardware Specs

Processor

Intel Mobile Pentium M 1.4 GHz
Intel Celeron 600 MHz

Operating Systems

Windows XP Pro
Windows XP Embedded
Windows Vista
Linux

Cache

On Die 1 MB L2 Cache

Memory

144 Pin PC2100 DDR SDRAM Module for a capacity to 1 GB

VGA

Intel Extreme Graphics
2D/3D GFX 32-bit PCI bus, 64MB video memory
LCD/CRT simultaneous display capability with Dual View Function

Touchscreen

5 wire resistive
Optional heater

Storage

40 GB and higher, 2.5" HDD with shock damper
Optional solid state flash drive up to 8 GB

Display

10.4" TFT SVGA (800 x 600) LCD
12.1" TFT SVGA (800 x 600) LCD
Touch Screen
Daylight readable LCD

Wireless Options

Internal 802.11 a, b, g
Internal Bluetooth
Internal WAN

Antennas

Internal Dual Diversity
Dual External antennas (Optional)

PCMCIA

Integrated with Type III × 1 or Type II × 2 PCMCIA Card Slot

I/O Ports

2 Serial ports
1 RJ-45 Ethernet
1 VGA monitor port
3 USB 2.0 ports (2 External, 1 Internal)
Mic-In and Line-Out ports
Internal Mini-PCI slot

Keyboard (Optional)

Waterproof and dustproof
LED backlighting optional
Optional on-screen keyboard

Power Supply

Internal 10 - 60 Volt DC Optically Isolated Power Conversion

Specifications subject to change



Environmental Specs

Temperature

Operating : -30°C to 80°C/-22°F to 132°F

Humidity

5% to 95% RH, non-condensing

Vibration

30 Grms with solid state drive

Enclosure

IP-65

MTBF

34,000 Hours

Approvals

FCC
CE
RoHS

HALT Tested

Highly Accelerated Life Testing



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