

MAGNUS



Magnus Rugged Tablet PC

Key Features

- 10.4" XGA TFT LCD Screen
- Active Touch or Passive Touch Screen LCD
- Intel® Pentium® M Processor Low Voltage
- Weather-proof Construction
- Expansive Wired or Wireless Connectivity
- Magnesium Casing
- Hot-swap Li-Ion Battery
- High Brightness LCD (Optional)
- MIL-STD-810F Standard
- ACPI and PC '01 Compliant
- FCC DoC, UL Listed, EPA Energy Star Compliant

Processor

Intel® Pentium® M Processor Low Voltage 1.1 GHz
Intel® Architecture with Dynamic Execution
Enhanced Intel® Speedstep® Technology
400 MHz Front Side Bus (FSB)

Chipset

Intel® 855GME Chipset
Intel® 82855GME Chipset Graphics and Memory Controller Hub (MCH)
Intel® 82801DBM I/O Controller Hub Mobile (ICH4-M)

BIOS

512 KB Flash EPROM

Cache

32 KB Instruction and 32 KB Write-back Data L1 Cache
1 MB On-Die Full Speed L2 Cache

System Memory

One 200-pin SO-DIMM Socket supporting DDR266 SDRAM
256 MB, 512 MB, or 1 GB SO-DIMMS
Maximum Memory Expansion of 1 GB

Wireless Communication

Wireless Infrared IrDA 1.1 Compliant and FIR/SIR
Integrated IEEE 802.11b Wireless Intel® Centrino® Mobile Technology
DGPS Module (X Bay Option)
Bluetooth Module (X Bay Option)

I/O Ports

Two USB 2.0 Ports	One Docking Port
One Port Replicator Connector	One Expansion Port
One RS232 Serial Port	One Wireless Infrared Keyboard Port

PCMCIA

PCMCIA One Type II Carbus Port

Modem & LAN

Integrated MiniPCI 56 K Baud V.92 Modem Module w/ RJ-11 Port
Integrated RealTek 10/100 Fast Ethernet Controller w/ RJ-45 Port

Hard Disk Drive

9.5 mm 2.5" Ultra DMA/100/S.M.A.R.T.Hard Disk Drive w/ Internal Bumper

X Bay

PCMCIA One Type II or III Cardbus Port (Optional)
1 USB/1 Serial/1 Firewire/1 LAN Port (Optional)
GSM/GPRS or GPS/GPRS Wireless Communication (Optional)

Video Controller

Integrated Intel® Extreme Graphics with up to 64 MB DVMT Memory

Weight

2.2 kg / 4.8 lbs

Dimensions

297 x 238 x 44 mm / 11.7 x 9.4 x 1.7 inches (W x D x H)

Display Screen

TS15:	10.4" XGA Active Matrix Color TFT, 1024 x 768
TT15:	10.4" XGA Passive Touch Screen w/ One Stylus
TD15:	10.4" XGA Active Touch Screen w/ Digitizer Pen
TH15:	10.4" XGA High Brightness (Sunlight Readable) LCD
TX15:	10.4" XGA High Brightness and Passive Touch Screen w/ One Stylus
TZ15:	10.4" XGA High Brightness and Active Touch Screen w/ Digitizer Pen

Sound System

AC '97 Audio CODEC with Built-in Headphone-out, Microphone, and Stereo Speakers

Battery

Hot Swappable Smart Li-Ion 4400mAh/cell Battery Support, 5 Hr. Battery Life
Charging Time 4 Hrs. (System On) or 2.5 Hrs. (System Off)

Keyboard

Wireless Infrared IrDA Windows 88 Key Keyboard, 2.3 mm Travel (Optional)
IP54 Rugged Wireless Windows 88 Key Keyboard, 2.3 mm Travel (Optional)

Standard Accessories

60W 90-264VAC Auto-Switching AC Adapter

Regulatory, Product Certifications, & Standards

Temperature:	MIL-STD-810F / IEC 68-2-1, 2, 14, Method 501.4, 502.4 0° to 55°C (32° to 131°F) (Standard Operating) -20° to 55°C (-4° to 131°F) (Optional)
Humidity:	MIL-STD-810F / IEC 68-2-30, Method 507.4 5% to 95% Relative Humidity, Non-condensing
Altitude:	MIL-STD-810F / IEC 68-2-13, Method 500.4 15,000 ft (Operating), 40,000 ft (Non-operating) 2,000 ft/min Altitude Change Rate
Shock:	MIL-STD-810F / IEC 68-2-27, Method 516.5 15g, 11ms, Half Sine Wave (Operating) 50g, 11ms, Half Sine Wave (Non-operating)
Vibration:	MIL-STD-810F / IEC 68-2-6, Method 514.5 Sinusoidal Wave Vibration 10~55Hz/0.075mm, 55~500Hz/1.0g (Operating) 10~55Hz/0.15mm, 55~500Hz/2.0g (Non-operating) MIL-STD-810F, Method 514.5 Highway Truck Vibration Exposure (Random)
Drop:	MIL-STD-810F / IEC 68-2-32, Method 516.5 3 ft Height Free Drop
Enclosure:	IP52, According to IEC 529
EMI/RFI:	FCC Class B
Safety:	Underwriter Laboratories 60950, 3rd Edition
Other:	CE, CCC, TUV & CUL

Model RTM127

