MT-100

10"4 Fanless and Lightweight Medical Tablet



Features

- 10.4" LCD display with touchscreen
- Portability and convenience with light weight
- Compact and fanless design
- Certified IP54 dust and water-splash proof enclosure
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Build-in 802.11 a/b/g wireless LAN
- Optional bluetooth, cradle, trim knob
- Ideal for mobile healthcare

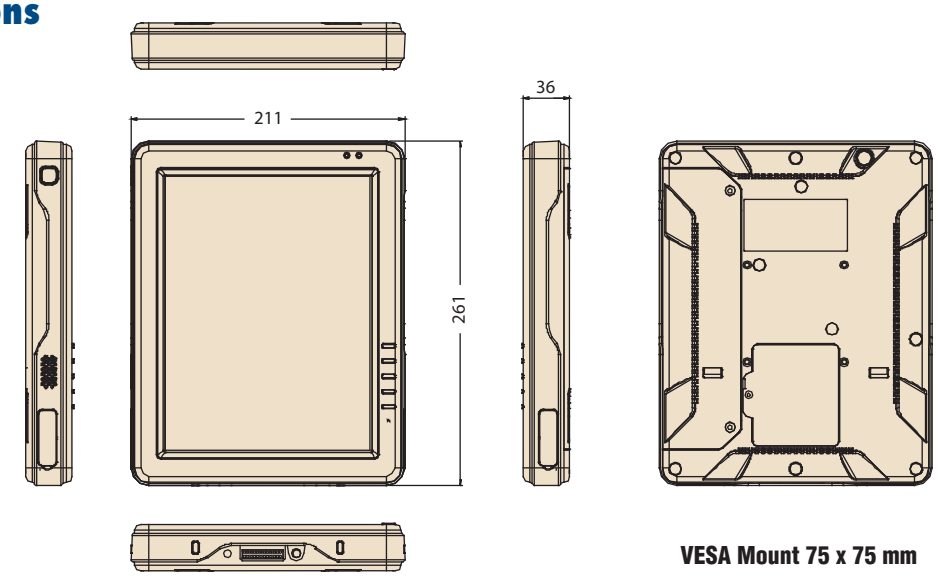
Specifications

Computing System	Chipset	AMD Geode LX 800 & CS5536	
	CPU	AMD Geode LX 800	
	Front Side Bus	500 MHz	
	Memory	DDR 333 Unbuffered Non ECCx 1, Max 1 GB	
Graphics	Controller	AMD Geode LX 800	
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI	
Storage	HDD	1 x 1.8" IDE	
	CompactFlash	1 x Type I/II (Optional with installation of 1.8" HDD)	
WLAN	Interface	1 x IEEE 802.11 a/b/g	
I/O Ports		2 x USB ports; 1 x DC in; 1 x Docking connector	
Audio		1 x Speaker; 1 x Microphone	
Display		MT-100-AE	MT-100-TE
	Display type	10.4" TFT LCD.	10.4" TFT LCD.
	Max. Resolution	800W x 600H	1024W x 768H
	Max. Colors	262K (R, G, B x 3) x 600H	256K (R, G, B 6bit/color)
	Dot size (mm)	0.264 x 0.264	0.2055W x 0.2055H
	Viewing angle	120°/100°	90°/50°
	Luminance	230 cd/m^2	170 cd/m^2
	Contrast ratio	500 : 1	250 : 1
	LCD MTBF	50,000 hours	50,000 hours
	Backlight lifetime	50,000 hours at 6.5 mA	50,000 hours at 6.5mA
Power Supply	AC/DC Adapter	Universal AC/DC adapter (Sinpro Model no. MPU100-106)	
	Input voltage	100 - 240 V_{AC}, 47 - 63 Hz, 1.25 - 0.5 A	
	Output voltage	+15 V_{DC}, 6.66A max. (100 watts)	
	Safety	UL60601-1/EN60601-1, CE, FCC certified	
Touchscreen	Type	Analog Resistive	
	Light transmission	75%	
	Controller	USB interface	
	Durability	30 million touches	
Environment	Temperature	0 ~ 40° C (Operating)	
	Humidity	10 ~ 95% @ 40° C (non-condensing)	
	Shock Resistance	30 G peak acceleration (11ms duration)	
	Water/dust Resistance	IP54 for whole system	
	Drop Resistance	3 Foot height (91 cm)	
Physical Characteristics	Dimensions (W x H x D)	261 x 211 x 36 mm (10.27" x 8.3" x 1.42")	
	Weight	1.96 kg (4.32 lb)	
Optional Items	Cradle	4 x USB ports; 1 x VGA port; 1 x 10/100 Mbps Ethernet LAN port; 1 x RS-232 COM port, 1 x DC in; 1 x Docking connector, 1 x Smart Card Reader	
	Battery Pack	MT-BATE 4800 mAh Discharge Time 3 hours battery life Charging Time 3.5 hours	
	Trim Knob	Trim Knob (USB interface)	
	Bluetooth	Bluetooth module	

All products specifications are subject to change without notice.

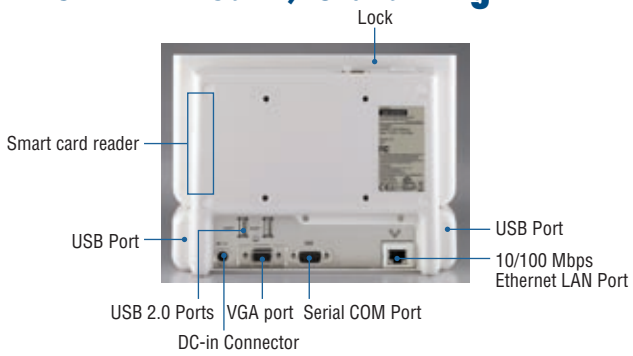
Dimensions

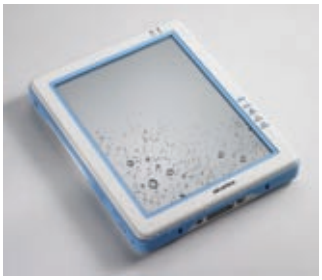
Unit: mm



VESA Mount 75 x 75 mm

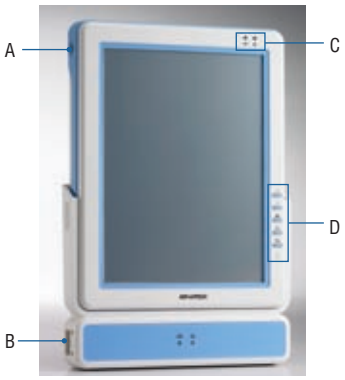
MT-CRADLE Rear I/O drawing





IP54 Enclosed System

Function keys



A: Power Button
B: USB 2.0 Ports
C: 1. Battery LED
2. Power LED

D: 1. Up key
2. down key
3. Keyboard on screen
4. Screen rotation
5. Touchscreen on/off

Ordering Information

Part Number	LCD Panel	HDD	RAM
MT-100-AE	800 x 600	60 GB IDE	512 MB
MT-100-TE	1024 x 768	60 GB IDE	512 MB

Package List

Description	Quantity
Battery Pack	1
AC Adapter	1
CD-ROM disc for User's manual & "Drivers and Utilities"	1
Stylus pen kit	1

Accessories

Part Number	Description
MT-CRADLE	Cradle (USB x 4, VGA, COM, 10/100Mb LAN)
1757001658	AC Adapter MPU100-106 15Vdc
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	BlueTooth module
*	Trim Knob
*	Battery pack of MT-100

* These accessories goes with the T Part Number. Please contact Advantech sales for more details.