

# X7

## 7inch rugged mobile data terminal

X7 is a fully rugged mobile data terminal especially designed for intelligent traffic and fleet management system. With a Freescale i.MX53 ARM Cortex A8 1GHz processor, X7 has high and reliable performance in vehicle. This device has integrated variety of wireless communication Modules such as WIFI b/g/n, 3G(WCDMA) and GPS. The ruggedized shell provides more capabilities not only in a wide range of temperatures, but also in harsh environments subject to shock and vibration. And the design also make it have a good waterproof feature at IP54 rating. The pigtail cable is designed for more extension data communications, such as RS232, RS422, RS485, RJ45, USB, CANBUS, DIOs etc. We provide software development support for Windows CE, Android and Linux systems.

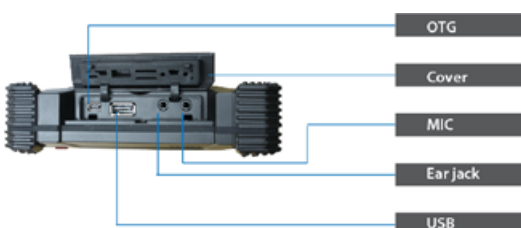


### >> Features

- Ruggedized design with IP54 ratings
- Reliable freescale i.MX53 processor solution
- Excellent performance on ARM cortex A8 up to 1GHz
- High-efficient U-blox GPS module
- Superior wireless connectivity (WIFI b/g/n, BT)
- Integrated OS BSP on Android 2.3.4, Windows CE, Linux
- Powerful extensions: USB, RS232, RS485, RS422, Ethernet
- Flexibility mounting VESA, RAM mount and On-Dash
- CANBUS option ready
- Professional hotkey press



### >> I/O interface



Cover Board

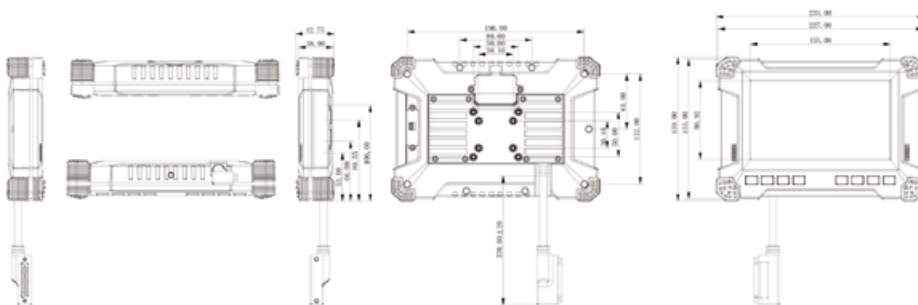


- 1.HDP44P MALE
- 2.USB
- 3.GPIO
- 4.DC in
- 5.RJ45
- 6.RS422/RS485
- 7.Canbus
- 8.RS232

### Specifications

<b>Main Chips</b>	CPU	i.MX535 ARM Cortex-A8, 1GHz	
	RAM	512MB DDR3	
	ROM	4GB iNand Flash	
<b>OS</b>		Windows Embedded Compact 7.0 (Android, Linux optional)	
<b>Display</b>	LCD panel	7 inch WVGA TFT-LCD, 400nits, 500:1	
	Touch panel	4-wire resistive touch panel	
<b>Motherboard</b>	Wireless	WiFi b/g/n, Bluetooth(optional)	
	LAN	Ethernet 10/100M (RJ45)	
	GPS	On-board U-blox module	
	3G/GSM	WCDMA / CDMA2000 (optional)	
	Audio	Intergrated stereo speaker (1.5w x 2)	
	I/O		Audio in (mic)
			SD card slot
			USB host (type A)
			OTG slot (mini USB)
			Mic jack
			Earphone jack
			DC in
<b>Control</b>	Button	Panic, Brightness up, Brightness down, Home, Volume up, Volume down, Menu, Power, Reset	
	<b>Power supply</b>	DC	12V DC (9~36V)
<b>Environment</b>	Operating Temp.	-10° C ~ 50° C	
	Storage Temp.	-20° C ~ 60° C	
	Operating Humidity.	5%~70%	
	IP Rating	IP54	
<b>Accessories</b>	Pigtail Cable	USB Host, RS232 x3, RS422(or RS485), RJ45, DIX3, DO, CAN Bus(optional)	
	Charger	AC adaptor or car power adaptor	
	Mounting	VESA mount converter	
<b>Mechanic</b>	Dimensions	231 x 159 x 42.75 mm	
	Weight	0.93kg	

### Dimensions



### Accessories

