

# PTH-1070A

7" In-vehicle Terminal with Marvell® XScale based PXA 270 Processor and Windows CE 6.0 Operating System



## FEATURES

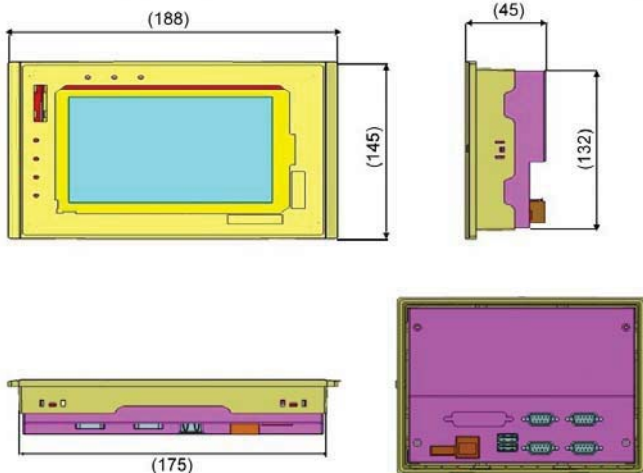
- 7" Human Machine Interface with Resistive Touchscreen
- Marvell® PXA 270 XScale Processor
- TFT LCD Screen with Resolution up to 800 x 600
- Windows CE 6.0 Operating System with BSP Kit
- 4 x Serial Ports and 2 x USB 1.1 Host Port
- Wide DC input Power Range (9 - 36V)
- Flush Front Panel Surface with IP65 Protection

PTH-1070A touch panel computers provides an open HMI platform for most automation applications. Equipped with Marvell PXA 270 RISC processor and 5.7" or 7" TFT panel with touch screen, PTH-1070A provides fan less solution with up to 800 x 600 TFT

resolutions. Robust design with fan less RISC processor for industrial environments, RS232 and RS485 for communication, Ethernet for network capability, USB host ports for easy programming and fast application development, and wide range DC power input

## OPTIONS

- Embedded O/S Selections Include MS WEC 7.0 Android and Linux
- CAN BUS
- Dual CF Sockets
- Battery Backup NVRAM



## ORDERING GUIDE

- **PTH-1070A**  
7" In-vehicle Terminal with Resistive Touchscreen  
PXA 270 CPU, Windows CE 6.0

### SYSTEM

CPU	Marvell® PXA270 416MHz (32-bits XScale architecture)
SDRAM	128 Mbytes
Storage	Compact flash Card x 1 (x 2 option)
NVRAM	1 Mbytes battery backup SRAM (option)
EEPROM	256 bytes I2C Type
Audio	Stereo AC97 audio output with 2.1W amplifier
Supported OS	Windows CE and Linux
Boot ROM	512 Kbytes
GPIO	On board programmable 8-bit Digital I/Os

### DISPLAY

Display	7" Up to 800 x 600, 16 bits, TFT/CSTN/DSTN 5.7" (Optional)
Touch	4-wired resistance touch panel

### I/O

Ethernet	10/100 Base-T Ethernet port x 1
USB Host	USB v1.1 host port x 1
USB Device	USB v1.1 host port x 1
UART	16c550 compatible RS-232 x 3 16c550 compatible RS-232/RS-485 x 1

### BATTERY & MECHANICAL

CMOS Battery	3V Li-Battery with battery fail detection
RTC	Battery backup external RTC
Dimension	186mm x 145mm x 45.4mm
Power Supply	12v DC (9~36v)