



18.5" Industrial Embedded Panel PC based on NXP i.MX 6DualLite CPU

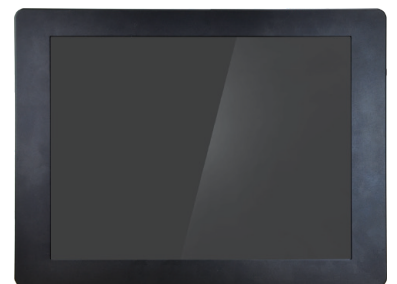


Description:

PPC-NMX6DL-185 is a 18.5" projective capacitive touch panel PC powered by NXP i.MX 6DualLite with Hyper-Threading Technology. It has onboard 1G onboard DDR3 and 4G NAND Flash which is expandable. The panel supports Yocto embedded Linux 2.1.3, Ubuntu Linux 14.04 and Android5.1/7.1, meeting various requirements under different application environments. The system's high-efficiency fanless thermal design also achieves good heat dissipation performance. By combining high performance with low power consumption, PPC-NMX6DL provides a superior human-machine interface and rich I/O including 2 x RS-232, 2 x GPIO, 3 x USB, 1 x Ethernet, 1 x HDMI and 1 Micro SD.

Features:

- NXP i.MX 6DualLite ARM Cortex®-A9 CPU
- Onboard 1GB DDR3 RAM, 8GB eMMC
- 18.5" 16:9 wide LCD screen with multi-touch capacitive touch panel
- Industrial grade operation Temp. from -20°C - 70°C
- 2 x RS-232, 2 x GPIO, 3 x USB, 1 x Ethernet, 1 x HDMI
- Fanless Thermal design, VESA Mount
- OS supported: Yocto embedded Linux 2.1.3, Ubuntu Linux 14.04, Android5.1/7.1



Specification

Model Number	
Processor	NXP i.MX 6DualLite ARM Cortex®-A9 CPU
Panel Size	18.5 Inch
Storage	Onboard 8G eMMC
System Memory	Onboard 1G RAM
Ethernet	1 x RJ45 10/100/1000Mbps
Wifi & Bluetooth	1 x Wifi via USB module
Cooling System	Fanless design
DC input	12V 3A input
Graphic	Integreted Graphic chips
Display Interface	1 X HDMI
Display Resolution	1920 x 1080
Panel Type	16:10
Screen Size	10.1 inch
Luminance	300
Contrast Ratio	31200:00:00
Display Color	RGB-stripe
Backlight	TFT-LCD
Touch Panel	Multi touch Capacitive Panel
Serial Port	2 x RS232
USB	3 x USB2.0 Type A, 1 x mini USB
GPIO	2 x GPIO
Audio	2x 1W/8 internal speakers
OS support	Yocto embedded Linux 2.1.3, Ubuntu Linux 14.04 and Android5.1/7.1
Operating Temperature	Industrial grade -20 °C - 70 °C
Enclosure Material	All aluminum
Mounting Option	75*75mm VESA Mount
Dimensions	500 x 300 x 80mm
Gross Weight	4.5kg

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

