

mitePC-LCD

Product Overview

The mitePC-LCD Embedded Computers are provided with LCD TFT Display and Touch Screen. It hosts an Intel® Pentium M or Celeron M processor, in standard fanless. RAM Socket for up to 2 GB allows the use of standard desktop memory. A Compact Flash Memory Card for Operating System and your Application Type I is included. The mitePC-LCD Units are characterized by the standard interface for USB, LAN, VGA, COM, PS/2 and optional IO Modules, -E Models by the standard PC/104 and PC/104plus connectors. The Units can be mounted using VESA (WMK-01) or M4 screws.

Technical Information

mitePC-LCD	mitePC-LCD84	mitePC-LCD104	mitePC-LCD120	A
LCD	8,4"	10,4"	12,1"	
Resolution	800 x 600	800 x 600	800 x 600	
Brightness	350 cd/m ²	400 cd/m ²	370 cd/m ²	
Processor	800 MHz, 1 GHz (fanless)			B
Interface	USB, LAN 10/100, COM, VGA, PS/2			C
Power Supply	12 V ± 0,5 V DC			
Operating System	Windows CE 5.0, Windows XP Embedded, Linux			D
Dimension (w,h,d) mm	220 x 165 x 78	256 x 206 x 79	292 x 227 x 77	
Operating temperature	0 °C to 40 °C,			
Storage temperature	-10 °C to 60 °C			

mitePC-LCD-E	mitePC-LCD104-E	mitePC-LCD120-E	mitePC-LCD150-E	A
LCD	10,4"	12,1"	15"	
Resolution	800 x 600	800 x 600	1024 x 768	
Brightness	350 cd/m ²	400 cd/m ²	370 cd/m ²	
Processor	400 MHz, 800 MHz, 1 GHz (fanless)			B
Interface	4xUSB, 2xLAN 10/100, COM, VGA, Sound, PS/2 (mouse a kbd), LPT			C
Power Supply	12 V ± 0,5 V DC			
Operating System	Windows CE 5.0, Windows XP Embedded, Linux			D
Dimension (w,h,d) mm	TBD	TBD	TBD	E
Operating temperature	0 °C to 40 °C			
Storage temperature	-10 °C to 60 °C			

Notice:

A - For other LCD display use analogical indication, for example mitePC-LCD170 for 17" Display etc.

B - For every CPU 1.5 – 2.0 GHz the fan is installed.

C – The mitePC-LCD has connector for optional Modules

1 4 x COM (3xRS232,1xRS485), 32 GBIO, LPT2

2 4 x COM (3xRS232,1xRS485), 32 GBIO, LPT2, CAN

3 4 x COM (3xRS232,1xRS485), 32 GBIO, PCMCIA *)

4 3 x COM (3xRS232), 32 GBIO, PCMCIA *), 2 x USB

*) PCMCIA Socket for 2 x type I, II or 1 x type III

- The mitePC-LCD-E has PC/104 and PC//104plus Connectors

- Next interfaces on CPU Board depend on Customer:

At mitePC-LCD Unit you can use RESET, the second COM, FDD, LPT1, IDE and JFLEX Extension (see Table above).

At mitePC-LCD-E there are RESET, 2xUSB, 3xCOM RS232 (1xRS485), FDD, DVI, 21x GPIO, IDE i PC/104 and PC/104plus.

D - The Trial version of Windows XP Embedded or Windows CE is on CF Card if License is not ordered.

E - The mitePC-LCD-E dimension practically matched LCD Display (TBD – to be determined).

Ordering Information

The mitePC-LCD and mitePC-LCD-E labeling should be completed
(cpu - cf_card_capacity – operating_systems - ram_module_capacity – additional_module)

The mitePC-LCD104 (800-512-WXPE-512-1) indicates
mitePC-LCD within LCD Display 10.4" - CPU 800 MHz, CF Card 512 MB with Windows XP Embedded, RAM Memory 512 MB, Additional Module 4xCOM, 32 GPIO and LPT2.

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