

Automotive & communication Embedded Computer mitePC-AC

Computer serves for Fleet Management and as universal Communication Computer

Basic features

- AMD LX800 500 MHz @ 0.9 W, up to 1 GB DDRAM
- Robust industrial metal housing 210 x 190 x 25 mm
- Very wide range input voltage 8 - 36 V DC
- As well as Extended Temperature Range
- Up to three Compact flash memory cards and/or large HDD space
- Built in GSM/GPRS/EDGE Modem and GPS Receiver
- Standard PC interfaces in a non-standard low-profile case
- Windows CE, Windows XP Embedded, LINUX, Windows XP, WEPOS etc.



Standard Front Panel interfaces and connectors in the upper line

USB 2.0	PS/2	Audio	VGA	USB 2.0	COM1	Ethernet	Power, LED
2 x HOST (sparse)	1 x M/K	MIC, Line OUT	1 x DB15	2 x HOST	1 x DB9	1 x RJ45	1 x DIN (LED)

And next interfaces and connectors

CAN	Audio	Power Out	GPS	CSM	Car
1 x DB9 (female)	1 x Line Out	1 x 12 V	1 x	1 x	1 x Car Connector

There are two main storage Places inside, the CF Card Socket and internal IDE Connector for HDD or a CF Card(s) Holder. That's why the mitePC-LP can exists in five different versions.

mitePC-AC				
C	C2 (within IDE44CF)	C3 (within IDE44CF2)	CH	H
CF	CF	CF	CF	-
-	CF	CF	HDD	HDD

There also are available other internal interfaces and connectors (LCD, COM2, LPT etc.).

Both Embedded Windows Operating Systems the Windows CE and the Windows XP Embedded placed usually on CF Card are available.

Customers can install commercial operating system like Windows XP, Windows Vista, LINUX, and Windows for Point of Service (WEPOS) or even Windows Server on the HDD.

How to order?

The general trade designation of mitePC-LP must be completed with additional specification mitePC-AC (CPU – M1 – OS – RAM – PS – M2 - E and next)

Item	Description	Scope
CPU	CPU Type	LX – LX800, 500 MHz CM1 – Celeron M, 1 GHz, or CM600, CM800, etc.
M1	CF1 Size	512 – 512 MB 1 – 1 GB 2 – 2 GB 4 – 4 GB 8 – 8 GB 16 – 16 GB etc.
OS	Operating System	WXPE – Windows XP Embedded WCE – Windows CE Lin - Linux
RAM	RAM Size	512 – 512 MB 1 – 1 GB
PS	Input Voltage	12 - 12 V DC 230 – 230 V AC (external adapter)
M2	Type and Size of the second Memory	HDDxxx – Hard Disk Drive 2.5”, in line with business opportunity
		512 – 512 MB 1 – 1 GB 2 – 2 GB 4 – 4 GB 8 – 8 GB 16 – 16 GB etc.
E	Temperature Range	E0 (0°to 60°C) if not p oint out, E0 effective E10 (-10°to 60°C) E1 (-25°to 75°C)

Trade description

mitePC-LP (LX – 512 – WXPE – 512 – 230 –512/1)

It assigns the Embedded Computer within LX800 CPU, CF Card 512 MB with Windows XP Embedded, RAM Memory 512 MB, and Power Supply 230 V AC Input Voltage, two CF Cards having 512 MB and 1 GB in the second memory space.

Notice

The higher frequency of CPU can result in additional cooler. Dimensions can be changed.

The mitePC-LP Embedded Computer was successfully used for traffic, communication and industrial Applications. At the Fleet Management Applications is being worked. Also non embedded customers use it within Windows XP Professional preferring small dimension, compact construction, low power consumption, low power dissipation, and extended temperature range. As well as a non PC like Case.

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