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SIMATIC Mobile Panel PC 12" disponibile

Da oggi è fornibile il SIMATIC Mobile Panel PC 12". Con la sua costruzione robusta e le sue interfacce per comunicazioni aperte è particolarmente indicato per le applicazioni nelle quali è richiesto un Mobile PC, ad esempio:

- Terminale mobile per logistica/tracking terminal
- Terminale di manutenzione mobile
- Terminale di informazione



Il SIMATIC Mobile Panel PC 12", su base Windows XP, può essere utilizzato come piattaforma aperta per un largo spettro di applicazioni software.



## Dati del prodotto:

### Dati tecnici:

12,1" TFT Display  
Touchscreen  
Intel Dual Core Processor (ULV)  
Memoria: 1 Gbyte RAM (versione BASE) oppure 2 GByte RAM (versione TOP)  
HDD 120 GB  
Sistema Operativo: Windows XP  
4 Tasti configurabili  
Express-Card Slot ( 35mm)  
Multimedia: Ingresso e Uscita Audio

### Portatile:

Dimensioni (P x A x L) mm: ca. 330 x 240 x 55  
Peso: ca. 2,4 kg

### Portabilità:

Autonomia a batteria fino a 4 ore continue

### Comunicazioni:

LAN 10/100  
WLAN (IEEE802.11g/n)  
Bluetooth 2.0  
USB 2.0

### Robusto:

Fanless  
Temperatura di esercizio: 0°C to 40°C  
Classe di protezione: IP 54  
Resistenza: altezza di caduta: 0,9 m  
Contenitore in Magnesio

## Fornitura:

Il SIMATIC Mobile Panel PC 12" è disponibile come prodotto customizzato e quindi può essere solo ordinato a partire da un minimo di 10 unità.  
La quantità deve essere pianificata per assicurare un tempo di consegna di 15 giorni lavorativi.



Sono disponibili due versioni di SIMATIC Mobile Panel PC:

1. Mobile Panel PC 12" Base:

Mobile Panel PC 12" Base  
MLFB-No.: 6AV7460-3AA00-0AA0

Memoria principale: 1 Gbyte RAM

2. Mobile Panel PC 12" Top:

Mobile Panel PC 12" Top  
MLFB-No.: 6AV7460-3AA01-0AA0

Memoria principale: 2 Gbyte RAM  
Modulo WebCam: 2M Pixel, Distanza Focale: ca 37mm

Ogni modello viene consegnato con batteria, alimentatore e documentazione a corredo.

Opzionalmente è disponibile una docking station nella quale è integrato un lettore DVD.

Docking station con lettore DVD ROM  
MLFB-No.: 6AV7673-0GC00-0AA0

Inoltre, il Mobile PC può essere considerato una valida alternativa al Mobic T8

Di seguito la brochure

# SIMATIC Mobile Panel PC 12"

Mobile, open and industry-compatible

Brochure · April 2008



## SIMATIC HMI

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# SIMATIC Mobile Panel PC 12"

## Technology overview

The Mobile Panel PC 12" is a logical development of the mobile panels towards the open operator station. It is based on Windows XP and offers a wide range of different implementation possibilities due to its flexibility and outstanding performance.

The rugged construction is specially designed for industrial use. With IP54 degree of protection all-round and a highly shock-resistant and ergonomic housing made of magnesium die-casting, the mobile panel PC is not even affected by dropping from a height of up to 0.9 m.

With the Windows XP operating system, the powerful 1.06 GHz Meron dual core processor and the 120 GB hard disk, it is well-equipped for demanding logistics, visualization and automation tasks.

The following points are also important:

- The device is handheld and lightweight.
- Despite the large display, the dimensions of the device are compact.

Used to service machines or large-scale plants, for order-picking in logistical applications or for plant visualization, the SIMATIC Mobile Panel PC 12" will satisfy the demands placed on it.

When used in mobile applications, the device communicates over WLAN or Bluetooth according to Class 2.0 and is therefore well-equipped for servicing tasks.



- Mobile with WLAN or Bluetooth
- Mobile operation up to 4 hours
- Shock-resistant, ergonomic housing made of magnesium die-casting
- Hard disk with drop sensor
- Connections are protected against spray water, dust and other dirt (IP54 all-round)
- Display brightness sensor
- Intel Core Duo ULV 1.06 GHz (fan-free)
- Four freely assignable function keys

### Application areas

- Commissioning
- Service, maintenance
- Quality assurance
- Logistics, transport
- Manufacturing, production

### Wireless connection

- Bluetooth
  - Mouse & keyboard
  - Internet access via cell phone
- WLAN
  - Connection to the local access point
  - Corporate network/Internet
  - PROFINET

# Views of devices

## Mobile section

The brilliant display with a screen diagonal of 12" and a resolution of 1024 x 768 pixels is suitable for presenting plant displays as well as for mobile Internet access.



## Dockingstation

Advantages of the docking station:

- Degree of protection IP20
- Adjustable inclination
- Optimal stability
- Bootable DVD drive integrated
- At least 10,000 plug/unplug operations
- Interface in floating mounting, with automatic centering
- Power supply:
  - Supplies mobile PC
  - Charges mobile PC battery
  - Charges spare battery
- Separate charging shaft for charging a spare battery



## Variety of interfaces

The flexibility of the Mobile Panel PC 12" is underlined by its numerous different interfaces:

- 2 x USB
- 1 x LAN 10/100 Mbit
- 2 x 3.5 mm stereo jack microphone/headphones
- 1 x Express card slot (for expansions such as modem, GPS etc.)



SIMATIC Mobile Panel PC 12" Technical specifications		
	BASIC	TOP
Main memory	1 GB RAM	2 GB RAM
Camera module	Without	Integrated, 2 mega-pixel
Display	12.1" TFT, 350 cd/m <sup>2</sup> , 1024x768, display brightness sensor	
Operation	Resistive touch screen, software keypad	
Processor/chipset	MEROM ULV dual core 1.06 GHz, fan-free, chipset 945 GM	
Hard disk	120 Gbyte, drop sensor, SMART management functions	
Operating system	Windows XP	
Dimensions	326 x 241 x 57 mm	
Weight	Approx. 2.4 kg	
Interfaces	USB: 2 x V 2.0 LAN : 10/100 Mbit/s with 2 LEDs for function display WLAN: Standard 802.11n e, i (draft) Bluetooth: V2.0 Standard, Class 1 range up to 100m	
Temperature	During storage: -20 °C to +60 °C During operation: 0 °C to +40 °C	
Humidity	5% to 95%	
Power supply	External universal power supply, 100 to 240 V AC, 50/60 Hz	
Degree of protection	IP54 throughout	
Certification	CE, UL, CSA, MS certified hardware platform, Windows Vista compatible	
Optional	Express card module, RAM up to 4 Gbyte, 2nd. rechargeable battery pack, desktop power supply. Further accessories are available on request	

Further information on customized SIMATIC HMI products can be found on the Internet at:

[www.siemens.com/hmi-oem](http://www.siemens.com/hmi-oem)

For a personal discussion, you can locate your nearest SIMATIC contact at:

[www.siemens.com/automation/partners](http://www.siemens.com/automation/partners)

SIMATIC Mobile Panel PC 12" Technical specifications	
	Docking station
Mechanical system	For supporting the operating device (mechanical/electrical), with angle of inclination adjustable in steps
Temperature	During storage: -20 °C to +60 °C During operation: 0 °C to +40 °C
Degree of protection	IP20 all-round
Interfaces	1x LAN 10/100 Mbit/s 1x XGA (1024 x 768 pixels) 3x USB V 2.0
Drives	1x DVD RW

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