

**SIEMENS**



# SIMATIC Field PG M4

The ready-to-use, robust programming tool in notebook look for automation engineers

Mobile engineering

MIL-  
STD-  
810G

[siemens.com/simatic-pg](https://www.siemens.com/simatic-pg)

# The benchmark in compactness, robustness and performance

for mobile engineering in the industrial  
environment

In addition to an attractive price-performance ratio, the current SIMATIC Field PG M4, a member of the SIMATIC family, offers you an abundance of attractive benefits besides wireless technology and Bluetooth: powerful Intel® Core i7 processor, high-resolution 15.6" wide-screen display in 16:9 format, integrated data backup concept, powerful battery with intelligent concept to charge smartphones and space-saving power supply unit, retractable carrying handle as well as a quickly replaceable disk.

This robust device – which is certified in accordance with the US standard MIL-STD-810G – also features all the usual S5 and S7 interfaces for industrial applications already onboard. In other words: the ready-to-use SIMATIC Field PG M4 with pre-installed SIMATIC Engineering Software for controllers and HMI is the ideal industrial notebook – optimized for mobile configuration, commissioning, servicing and maintenance of your automation system.

Supporting TPM 1.2, the hard drive tool provides greater security and iAMT / WoL simplify remote administration within your business IT infrastructure.





### **Equipped for industrial use**

- Suitable for use in harsh industrial environments thanks to the latest material technology
- Protection against shock and vibration: lightweight, rugged magnesium die-cast housing and shock absorbers on exposed parts
- Firm handling in mobile use: stable, retractable carrying handle
- Dirt-resistant: industrial design with dark color scheme and keyboard with abrasion-proof laser inscription
- Protection against electromagnetic influences in harsh industrial environments thanks to fully shielded magnesium housing (EMC/EMS-tested)
- Lightweight, space-saving power supply unit

### **All the usual interfaces onboard**

- 2x USB 2.0 and 2x USB 3.0 interfaces to provide external devices with a stable power supply, with a 1.5 A charging function in power-off mode (compatible with Apple)
- Bluetooth and 2 Industrial WLAN antennas (based on WLAN standards 802.11 a, b, g and n): for secure wireless communication with automation devices
- 2x full GB-Ethernet, PROFIBUS DP/MPI, SIMATIC memory cards, optional S5-Online and S5-EPROM adapter

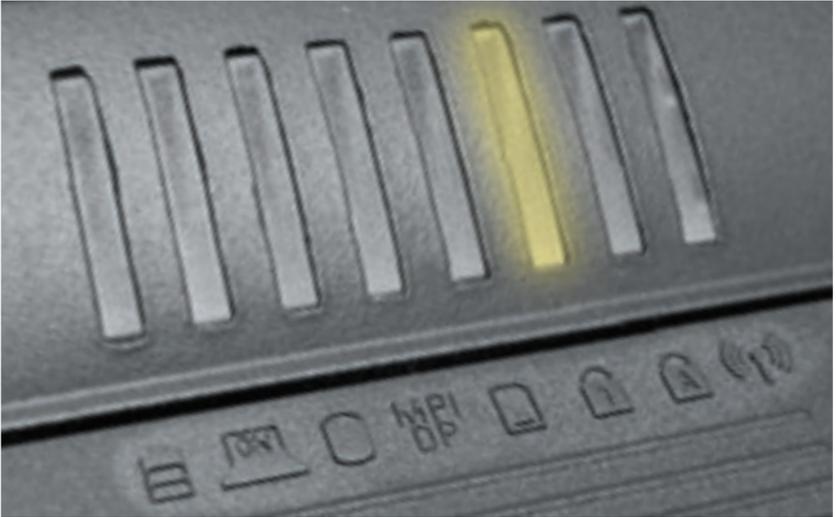


### **Powerful hardware components**

- Intel® Core™ i7 processor for maximum performance with low energy consumption
- Lithium-ion battery with more than five hours of battery life and a discharge time of well over five months
- High-resolution 15.6" widescreen display in 16:9 format with freely selectable display resolution: gentle on the eyes and supports ergonomic working to Full HD
- The integrated Intel HD4000 graphics card provides a more than 90% larger working area with a display resolution of 2560 x 1600 pixels.
- High-performance memory with up to 16 GB DDR3 SDRAM – 1600 MHz: for high-speed execution and parallel processing of multiple applications
- Easily removable hard disk (250 or 500 GB HDD) or solid-state drive (300 GB SSD): simple replacement depending on environment and required software version
- Status LED: can be seen with the display lid open or closed

### **Other accessories**

- Removable disk kit comprising 500 GB HDD or 300 GB SSD for fast replacement of serial ATA (S-ATA) drives with metal frames, Torx screwdriver with protective pocket
- USB to serial ATA adapter for simple transfer of data to the removable disk of the kit



### **Ready-to-use, pre-installed software**

- SIMATIC Engineering Software: already installed (14-day Trial License), and can be activated by license key
- Microsoft operating systems:
  - Windows XP Professional (32-Bit)
  - Windows 7 Ultimate (64-Bit)
  - As MUI versions, they can be easily adapted to multiple languages
- Application software (for XP):
  - Nero Essential 7 (creation of DVDs/CDs), Power DVD 7.0 (reproduction of films on DVD)
- SIMATIC IPC Image & Partition Creator can be ordered as an optional accessory for an integrated system backup concept

### **Included in the scope of supply:**

- A large backpack for anything that you might need
- Lightweight, space-saving power supply unit
- Country-specific power cable
- A large lithium-ion battery for more than 5 hours of working on the move
- S5 EPROM adapter and S5 AG connecting cable, with hardware version Premium/S5
- A DVI-I to VGA adapter for connecting analog monitors
- Getting started – a short guide for getting started quickly



# Ordering options

## Pre-installed SIMATIC Engineering Software (can be ordered with trial or full license)

- STEP 7 Professional 2010
- STEP 7 Professional V12 (based on TIA Portal)
- WinCC flexible Advanced 2008
- WinCC flexible Advanced V12 (based on TIA Portal)
- STEP 7 Micro/Win (Windows XP only)
- STEP 5 (optional, Windows XP only)

## Choice of 2 operating systems (OS)

- Windows XP Professional SP3 Engl. MUI
- Windows 7 Ultimate SP1, 64-Bit MUI

## Different hardware versions to choose from

### Standard

- Intel 1020E Ivy Bridge processor
- 15.6" widescreen display, HD-ready or Full HD resolution
- 250 GB SATA hard disk
- 4 to 8 GB DDR3 SDRAM – 1600 MHz (depends on OS)

### Premium or Premium Plus – optional S5 version

- Intel Core i5-3320M or i7-3520M processor
- 15.6" widescreen display, HD-ready or Full HD resolution
- 300 GB SSD or 500 GB SATA hard disk
- 4 to 16 GB DDR3 SDRAM – 1600 MHz (depends on OS)

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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