SIMATIC Field PG M5

Turn on and immediately start with the engineering!

usa.siemens.com/simatic-pg
For mobile applications in industrial plants, the SIMATIC Field PG M5 offers a combination of rugged hardware and pre-installed TIA Portal Engineering Software for fast and efficient configuring, commissioning, service and maintenance. The SIMATIC Field PG also offers all the interfaces required for these tasks and is equipped with one PROFIBUS and two high-speed PROFINET interfaces for connection to the automation process. SIMATIC memory cards can also be directly programmed via corresponding slots.

Das SIMATIC Field PG ist so robust, dass es Stöße und Erschütterungen, aber auch elektromagnetische Strahlungen im maschinennahen Industrieumfeld aushält.

**Optimally equipped for a harsh environment**
- Stable carrying handle for mobile use
- A rugged, lightweight, magnesium enclosure and rubber-buffered corners provide protection against shocks and vibrations
- Erhöhte EMV-Störfestigkeit für Anwendung im industriellen Umfeld

**Prepared ready-to-run**
- With pre-installed TIA Portal Engineering Software
- Bestellbar in den Lizenzversionen: Trial, TIA Portal oder Combo (TIA Portal und Vorgängerversion)
- With Microsoft operating system Windows 7 Ultimate (64-bit) easily adaptable to diverse languages as MUI version
- Trusted Platform Module 2.0 (TPM) for increased data security
- Remote administration through Intel Active Management Technology (iAMT) and Wake on LAN (WoL)

**Available interfaces**
- 3 x USB 3.0 type A interfaces, one of which has a 1.5 A charging function in power off
- 1 x USB 3.0 type C port
- Bluetooth and WLAN (based on WLAN standard 802.11 ac)
- 2x Gigabit-Ethernet, 1x PROFIBUS DP/MPI
- Steckplätze für SIMATIC Speicherkarten
- Optional: S5-Online-Funktionalität (TTY) und S5-EPROM-Adapter
**Powerful hardware**
- Intel® Core™ i5/i7 processor for maximum performance (optimal for TIA Portal Engineering)
- Bis zu 32 GB DDR4 SDRAM (2.400 MHz) Arbeitsspeicher
- Lithium-Ionen-Akku mit 8.850 mAh
- 15,6" Widescreen Full-HD-Display im 16:9-Format
- Integrated Intel HD Graphics 530 supports the current 4k resolution (4096 x 2304 pixels) via the display port resulting in a working area that is over 400 percent larger than with Full-HD
- Easily replaceable hard disk (1 TB HDD) or solid-state drive (512 GB or 1 TB SSD)

**Lieferumfang**
- SIMATIC Field PG M5
- Laptop backpack
- Lightweight, compact power supply unit
- Netzteil (länderspezifisch)
- Leistungsstarker Lithium-Ionen-Akku
- S5 EPROM adapter and S5 PLC cable (with hardware version Advanced + S5 HW option)
- DVI-I to VGA adapter, Serial Port adapter
- MPI cable (version-specific)
- Quick Install Guide
- Operating system Recovery & Restore CD, software DVD

**Zubehör**
- Removable disk kit, consisting of 1 TB HDD or 512 GB or 1 TB SSD for fast replacement of serial ATA (S-ATA) drives with metal frame, Torx screwdriver and protective case
- USB 3.0 to serial ATA adapter

**Hardware versions for selection:**

### Comfort
- Intel® Core™ i5-6440EQ (6th generation, 4 cores)
- 6 MB cache, up to 3.4 GHz with Turbo-Boost technology
- 39,6 cm /15,6" Widescreen Full-HD (1920 x 1080)
- 512 GB/1 TB SSD or 1 TB HDD
- 8 bis 32 GB DDR4 RAM – 2.400 MHz

### Advanced – optionally with S5 HW support
- Intel® Core™ i7-6820EQ (6th generation, 4 cores)
- 8 MB cache, up to 3.5 GHz with Turbo-Boost technology
- 39,6 cm /15,6" Widescreen Full-HD (1920 x 1080)
- 512 GB/1 TB SSD or 1 TB HDD
- 8 bis 32 GB DDR4 RAM – 2.400 MHz

### Option: vorinstallierte Engineering-Software (als Trial-, TIA Portal- oder Combo-Lizenz bestellbar)
- STEP 7 Professional (based on TIA Portal)
- STEP 7 Professional 2010
- WinCC Advanced (based on TIA Portal)
- WinCC flexible Advanced 2008
- STEP 5 (optionally with S5 HW support)

**Betriebssystem**
- Windows 7 Ultimate SP1, 64-Bit MUI

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**Selection and ordering**

Easy configuration and ordering for the SIMATIC Field PG
using the TIA Selection Tool:
siemens.com/tia-selection-tool
Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

You can also register here for product-specific newsletters. To ensure the safe operation of plants or machinery, it is also necessary to take suitable protective measures (e.g. cell protection concept), and to integrate the automation and drive components into a holistic, state-of-the-art industrial security concept for the entire plant or machine.

Products used from other manufacturers should also be taken into account here. For more information, go to:
www.siemens.com/industrialsecurity

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