SIEMENS

Ingenuity for life

SIMATIC Field PG M5

**Turn on and immediately start
with the engineering!**

siemens.com/simatic-pg

Mobile engineering in industrial environments

SIMATIC Field PG M5 –
ideal for mobile use in industrial plants

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.

The SIMATIC Field PG is so rugged that it withstands not only shocks and vibrations but also electromagnetic radiation from machines in an industrial environment.

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
- Increased EMC immunity for applications in an industrial environment

Prepared ready-to-run

- With pre-installed TIA Portal Engineering Software
- Can be ordered with the following types of license: Trial, TIA Portal, or Combo (TIA Portal + predecessor version)
- 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)
- 2 x Gigabit Ethernet, 1 x PROFIBUS DP/MPI
- Slots for SIMATIC memory cards
- Optional: S5 online functionality (TTY) and S5 EPROM adapter

Pre-installed with the
TIA Portal Engineering Software

Powerful hardware

- Intel® Core™ i5/i7 processor for maximum performance (optimal for TIA Portal Engineering)
- Up to 32 GB DDR4 SDRAM (2400 MHz)
- Lithium ion accumulator with 8850 mAh
- 15.6" widescreen Full-HD display in 16:9 format
- Integrated Intel HD Graphics 530 supports the current 4k resolution (4096 × 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)

Scope of delivery

- SIMATIC Field PG M5
- Laptop backpack
- Lightweight, compact power supply unit
- Country-specific power cable
- Powerful lithium ion battery
- 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

Accessories

- 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 to 32 GB DDR4 RAM – 2400 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 to 32 GB DDR4 RAM – 2400 MHz
Option: Pre-installed engineering software (can be ordered with Trial license, TIA Portal license, or Combo license)
• 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)
Operating system
• Windows 7 Ultimate SP1, 64-bit MUI

Selection and ordering

Easy configuration and ordering for the SIMATIC Field PG using the TIA Selection Tool:
siemens.com/tia-selection-tool

Find out more:
http://support.automation.siemens.com.

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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