SIMATIC Field PG M5

Turn on and immediately start with the engineering!

siemens.com/simatic-pg
Mobile engineering in industrial environments

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 PROFINET 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 PROFINET DP/MPI
- Slots for SIMATIC memory cards
- Optional: S5 online functionality (TTY) and S5 EPROM 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
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. Siemens offers automation and drive products with industrial security functions that support the safe operation of plants or machinery. They are important components in the holistic industrial security concept.

Our products undergo continuous development keeping this factor in mind. We therefore recommend that you keep yourself informed with respect to our product updates and that you use only the current versions.

Find out more:

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

Follow us on: twitter.com/siemensindustry
youtube.com/siemens