



## C9900-S4xx | Windows 7 for Beckhoff Industrial PCs

With Microsoft Windows 7 Professional Beckhoff relies on the successor of the Microsoft Windows Vista operating system. The further development of Windows 7 is clearly oriented towards performance, application compatibility, device compatibility, reliability and security. The operating system is available in 32 bit and 64 bit versions, and also supports multi-core processors and multi-threading.

Windows 7 Professional incorporates a series of innovative technologies and new functions aimed at simple and reliable operation and maintenance of industrial systems. Windows 7 extends the security principles of Windows Vista, giving it greater flexibility in securing computers and data. In addition to the protection of internal hard disk drives, the use of BitLocker™ drive encryption makes it possible to encrypt USB drives and hard disks and to make recovery keys available so that the data can be accessed when needed.

The operating system can use virtual hard disks (VHDs) and Windows Imaging Format (WIM) like a physical hard disk without requiring additional software.

The well-known multi-lingual interface of Microsoft Windows 7 Ultimate enables the Industrial PC to be operated in the country's local language. If required, up to 35 language packs can be added via the Windows Update function.

Ordering information	Description
C9900-S440	Microsoft Windows 7 Professional 32 bit, German 1)
C9900-S441	Microsoft Windows 7 Professional 32 bit, English 1)
C9900-S442	Microsoft Windows 7 Professional 64 bit, German 1) 2)
C9900-S443	Microsoft Windows 7 Professional 64 bit, English 1) 2)
C9900-S444	Microsoft Windows 7 Ultimate 32 bit, multilanguage, English desktop active, further languages configurable 1)
C9900-S445	Microsoft Windows 7 Ultimate 64 bit, multilanguage, English desktop active, further languages configurable 1) 2)
C9900-S449	Microsoft Windows 7 Ultimate 32 bit, German and English, English desktop active, further languages can be installed 1)
C9900-S450	Microsoft Windows 7 Ultimate 64 bit, German and English, English desktop active, further languages can be installed 1) 2)

1) Microsoft Windows 7 is not available for PCs with Intel® Celeron® M or Pentium® M

2) Microsoft Windows 7 64 bit is only available for PCs with Intel® Celeron® 1.9 GHz, Core™2 Duo 2.26 GHz, Core™2 Duo 2,53 GHz, Core™ i3 2.2 GHz dual-core, Core™ i5 2.5 GHz dual-core oder Core™ i7 2.1 GHz quad-core. We recommend to use Microsoft Windows 7 64 bit with PCs that are configured with 4 or 8 GB DDR3 RAM, only. TwinCAT users need a 64 bit TwinCAT version.