



## i TF4500 | TwinCAT Speech

TwinCAT Speech enables the multilingual input and output of queries or information implemented in an industrially compatible way. This makes interaction with TwinCAT much more efficient and convenient – in the widest variety of applications across all industries, from mechanical engineering to building automation.

The speech input is available as an offline function implemented via built-in functions of the Windows operating system, i.e. without Internet and cloud connection. The speech output of TwinCAT Speech is available both as an offline and an online function. In the first case this is supported by the corresponding Windows functions and in the second case by the Polly text-to-speech service from Amazon. Realistic sounding speech output is synthesised with the aid of deep-learning technologies. Different voices are supported as well as caching of audio files generated online.

<b>Technical data</b>	<b>TF4500</b>
Required	TC1200
Target system	Windows 10

Ordering information	
TF4500-0v40	TwinCAT Speech, platform 40 (Performance)
TF4500-0v50	TwinCAT Speech, platform 50 (Performance Plus)
TF4500-0v60	TwinCAT Speech, platform 60 (Mid Performance)
TF4500-0v70	TwinCAT Speech, platform 70 (High Performance)
TF4500-0v80	TwinCAT Speech, platform 80 (Very High Performance)
TF4500-0v81	TwinCAT Speech, platform 81 (Many-core 5...8 Cores)
TF4500-0v82	TwinCAT Speech, platform 82 (Many-core 9...16 Cores)
TF4500-0v83	TwinCAT Speech, platform 83 (Many-core 17...32 Cores)
TF4500-0v84	TwinCAT Speech, platform 84 (Many-core 33...64 Cores)
TF4500-0v90	TwinCAT Speech, platform 90 (Other)
TF4500-0v91	TwinCAT Speech, platform 91 (Other 5...8 Cores)
TF4500-0v92	TwinCAT Speech, platform 92 (Other 9...16 Cores)
TF4500-0v93	TwinCAT Speech, platform 93 (Other 17...32 Cores)
TF4500-0v94	TwinCAT Speech, platform 94 (Other 33...64 Cores)

<b>i Product announcement</b>	estimated market release 3rd quarter 2019
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