

Module	Order number	IRT	prioritized startup	MRP	PROFlenergy	Shared device	I device	Isochronous mode	System redundancy	Link to Product information
<b>PC CPUs</b>										
CP 1616	6GK1161-6AA01	from V2.0	from V2.2.0	from V2.2.0	from V2.5.2	from V2.5	from V2.5.2	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK1161-6AA02">https://support.industry.siemens.com/cs/ww/en/pv/6GK1161-6AA02</a>
CP 1616	6GK1161-6AA02	from V2.0	from V2.2.0	from V2.2.0	from V2.5.2	from V2.5	from V2.5.2	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK1161-6AA02">https://support.industry.siemens.com/cs/ww/en/pv/6GK1161-6AA02</a>
CP 1604	6GK1160-4AA00	from V2.0	from V2.2.0	from V2.2.0	from V2.5.2	from V2.5	from V2.5.2	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK1160-4AA01">https://support.industry.siemens.com/cs/ww/en/pv/6GK1160-4AA01</a>
CP 1604	6GK1160-4AA01	from V2.0	from V2.2.0	from V2.2.0	from V2.5.2	from V2.5	from V2.5.2	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK1160-4AA01">https://support.industry.siemens.com/cs/ww/en/pv/6GK1160-4AA01</a>
<b>SIMATIC NET PC software</b>										
SOFTNET PROFINET IO	6GK1704-1HWxx-3AA0	-	-	-	from V8.2	from V8.1	from V8.1	-	-	
<b>S7-400 CPUs</b>										
CPU 412-2PN	6ES7412-2EK06-0AB0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7412-2EK06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7412-2EK06-0AB0</a>
CPU 414-3PN/DP	6ES7414-3EM05-0AB0	from V5.2	from V5.2	-	from V5.0	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3EM05-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3EM05-0AB0</a>
CPU 414-3PN/DP	6ES7414-3EM06-0AB0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3EM06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3EM06-0AB0</a>
CPU 414F-3PN/DP	6ES7414-3FM06-0AB0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3FM06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-3FM06-0AB0</a>
CPU 416-3PN/DP	6ES7416-3ER05-0AB0	from V5.2	from V5.2	-	from V5.0	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3ER05-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3ER05-0AB0</a>
CPU 416-3PN/DP	6ES7416-3ES06-0AB0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3ES06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3ES06-0AB0</a>
CPU 416F-3PN/DP	6ES7416-3FR05-0AB0	from V5.2	from V5.2	-	from V5.0	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3FR05-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3FR05-0AB0</a>
CPU 416F-3PN/DP	6ES7416-3FS06-0AB0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0	from V6.0 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3FS06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-3FS06-0AB0</a>
CPU 412-5H PN/DP	6ES7412-5HK06-0AB0	-	-	from V6.0	-	from V6.0 <sup>(5)</sup>	-	-	from V6.0	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7412-5HK06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7412-5HK06-0AB0</a>
CPU 414-5H PN/DP	6ES7414-5HM06-0AB0	-	-	from V6.0	-	from V6.0 <sup>(5)</sup>	-	-	from V6.0	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-5HM06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7414-5HM06-0AB0</a>
CPU 416-5H PN/DP	6ES7416-5HS06-0AB0	-	-	from V6.0	-	from V6.0 <sup>(5)</sup>	-	-	from V6.0	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-5HS06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7416-5HS06-0AB0</a>
CPU 417-5H PN/DP	6ES7417-5HT06-0AB0	-	-	from V6.0	-	from V6.0 <sup>(5)</sup>	-	-	from V6.0	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7417-5HT06-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7417-5HT06-0AB0</a>
<b>S7-300 CPUs</b>										
CPU 314C-2 PN/DP	6GK7314-6EH04-0AB0	from V3.3	from V3.3	from V3.3	from V3.3	from V3.3	from V3.3	from V3.3 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7314-6EH04-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7314-6EH04-0AB0</a>
CPU 315-2PN/DP	6ES7315-2EH13-0AB0	-	-	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2EH13-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2EH13-0AB0</a>
CPU 315-2PN/DP	6ES7315-2EH14-0AB0	from V3.2	from V3.2	from V3.2	from V3.1	from V3.2	from V3.2	from V3.2 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2EH14-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2EH14-0AB0</a>
CPU 315F-2PN/DP	6ES7315-2FH13-0AB0	-	-	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2FH13-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2FH13-0AB0</a>
CPU 315F-2PN/DP	6ES7315-2FJ14-0AB0	from V3.2	from V3.2	from V3.2	from V3.1	from V3.2	from V3.2	from V3.2 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2FJ14-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-2FJ14-0AB0</a>
CPU 315T-3PN/DP	6ES7315-7TJ10-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-7TJ10-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7315-7TJ10-0AB0</a>
CPU 317-2PN/DP	6ES7317-2EK13-0AB0	-	-	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2EK13-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2EK13-0AB0</a>
CPU 317-2PN/DP	6ES7317-2EK14-0AB0	from V3.2	from V3.2	from V3.2	from V3.1	from V3.2	from V3.2	from V3.2 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2EK14-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2EK14-0AB0</a>
CPU 317F-2PN/DP	6ES7317-2FK13-0AB0	-	-	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2FK13-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2FK13-0AB0</a>
CPU 317F-2PN/DP	6ES7317-2FK14-0AB0	from V3.2	from V3.2	from V3.2	from V3.1	from V3.2	from V3.2	from V3.2 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2FK14-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-2FK14-0AB0</a>
CPU 317T-3PN/DP	6ES7317-7TK10-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-7TK10-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-7TK10-0AB0</a>
CPU 317TF-3PN/DP	6ES7317-7UL10-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-7UL10-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7317-7UL10-0AB0</a>
CPU 319-3PN/DP	6ES7318-3EL00-0AB0	from V2.7	from V2.7	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3EL00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3EL00-0AB0</a>
CPU 319-3PN/DP	6ES7318-3EL01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3EL01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3EL01-0AB0</a>
CPU 319F-3PN/DP	6ES7318-3FL00-0AB0	from V2.7	from V2.7	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3FL00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3FL00-0AB0</a>
CPU 319F-3PN/DP	6ES7318-3FL01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>(1)(2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3FL01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7318-3FL01-0AB0</a>

Module	Order number	IRT	prioritized startup	MRP	PROFInergy	Shared device	I device	Isochronous mode	System redundancy	Link to Product information
<b>Industrial Ethernet CPs</b>										
CP 343-1 Standard	6GK7343-1EX30-0XE0	-	from V2.2	from V2.2	from V3.0	from V2.4	from V2.4	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1EX30-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1EX30-0XE0</a>
CP 343-1 Advanced	6GK7343-1GX30-0XE0	from V1.0	from V1.0	from V1.0	-	from V1.2	from V1.2	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1GX30-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1GX30-0XE0</a>
CP 343-1 Advanced	6GK7343-1GX31-0XE0	from V3.0	from V3.0	from V3.0	from V3.0	from V3.0	from V3.0	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1GX31-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7343-1GX31-0XE0</a>
CP 443-1 Standard <sup>4)</sup>	6GK7443-1EX20-0XE0	from V2.0	from V2.0	from V2.0	from V2.1	from V2.1	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1EX20-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1EX20-0XE0</a>
CP 443-1 Standard <sup>4)</sup>	6GK7443-1EX30-0XE0	from V3.0	from V3.0	from V3.0	from V3.0	from V3.0	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1EX30-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1EX30-0XE0</a>
CP 443-1 Advanced <sup>4)</sup>	6GK7443-1GX20-0XE0	from V2.0	from V2.0	from V2.0	from V2.1	from V2.1	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1GX20-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1GX20-0XE0</a>
CP 443-1 Advanced <sup>4)</sup>	6GK7443-1GX30-0XE0	from V3.0	from V3.0	from V3.0	from V3.0	from V3.0	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1GX30-0XE0">https://support.industry.siemens.com/cs/ww/en/pv/6GK7443-1GX30-0XE0</a>
<b>ET 200S</b>										
IM151-8 PN/DP CPU	6ES7151-8AB00-0AB0	from V2.7	from V2.7	-	from V2.7	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8AB00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8AB00-0AB0</a>
IM151-8 PN/DP CPU	6ES7151-8AB01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8AB01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8AB01-0AB0</a>
IM151-8F PN/DP CPU	6ES7151-8FB00-0AB0	from V2.7	from V2.7	-	from V2.7	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8FB00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8FB00-0AB0</a>
IM151-8F PN/DP CPU	6ES7151-8FB01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>1)2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8FB01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7151-8FB01-0AB0</a>
<b>ET 200pro</b>										
IM 154-8 CPU	6ES7154-8AB00-0AB0	-	-	-	from V2.5	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8AB00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8AB00-0AB0</a>
IM 154-8 CPU	6ES7154-8AB01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8AB01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8AB01-0AB0</a>
IM 154-8F CPU	6ES7154-8FB01-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>1)2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8FB01-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8FB01-0AB0</a>
IM 154-8FX CPU	6ES7154-8FX00-0AB0	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2	from V3.2 <sup>1)2)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8FX00-0AB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7154-8FX00-0AB0</a>
<b>Embedded und PC-based Automation</b>										
WinAC RTX 2009	6ES7671-0RC07-0YA0	yes	yes	-	yes	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-0RC07-0YA0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-0RC07-0YA0</a>
WinAC RTX F 2009	6ES7671-1RC07-0YA0	yes	yes	-	yes	-	-	-	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-1RC07-0YA0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-1RC07-0YA0</a>
WinAC RTX 2010	6ES7671-0RC08-0YA0	yes	yes	yes <sup>3)</sup>	yes	yes	-	yes <sup>3)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-0RC08-0YA0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-0RC08-0YA0</a>
WinAC RTX F 2010	6ES7671-1RC08-0YA0	yes	yes	yes <sup>3)</sup>	yes	yes	-	yes <sup>3)</sup>	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-1RC08-0YA0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7671-1RC08-0YA0</a>
S7-mEC EC31-RTX	6ES7677-1DD10-0BB0	yes	yes	yes	yes	yes	-	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BB0</a>
S7-mEC EC31-RTX F	6ES7677-1FD10-0FB0	yes	yes	yes	yes	yes	-	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1FD10-0FB0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1FD10-0FB0</a>
S7-mEC EC31-HMI/RTX	6ES7677-1DD10-0BF0	yes	yes	yes	yes	yes	-	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BF0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BF0</a>
	6ES7677-1DD10-0BH0	yes	yes	yes	yes	yes	-	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BH0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BH0</a>
	6ES7677-1DD10-0BG0	yes	yes	yes	yes	yes	-	yes	-	<a href="https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BG0">https://support.industry.siemens.com/cs/ww/en/pv/6ES7677-1DD10-0BG0</a>

<sup>1)</sup> If you use a F-CPU as PROFINET IO-Controller, the "Failsafe" function and "Isochronous mode" function should not take place together in one IO device.

<sup>2)</sup> The CPU supports the "Isochronous mode" function only as IO controller.

<sup>3)</sup> The function is only supported over CP 1616 or CP 1604.

<sup>4)</sup> With S7-400 Industrial Ethernet CPs the PROFINET functions don't only depend on the firmware version of the module, but also on the adopted CPU and their firmware version. This is described in the manual of the relevant Industrial Ethernet CP.

<sup>5)</sup> The function is only supported in single mode.