

Module	CPU 412	CPU 414	CPU 416 / CPU 417	CPU 412 / CPU 414	CPU 416 / CPU 417	CPU 412	CPU 414	CPU 416 / CPU 417	CPU 410-5H	S7-400 CPUs	CPU 412-2 PN CPU 412-5H PN/DP	CPU 414-3 PN/DP	CPU 414(F)-3 PN/DP CPU 414-5H PN/DP	CPU 416(F)-3 PN/DP	CPU 416(F)-3 PN/DP CPU 416-5H PN/DP	CPU 417-5H PN/DP	CPU 410-5H	
Firmware-Version	V4.1 ⁵⁾			V5 ¹⁾			V6 ³⁾ / V7	V6 ³⁾ / V7	V6 ³⁾ / V7	V8.0 / V8.1	V4 / V5 / V6 / V7	V6 / V7	V5	V6 / V7	V5	V6 / V7	V6	V8.0 / V8.1
Communication interface	CP 443-1 Advanced: - 6GK7443-1GX20-0XE0 CP 443-1 Standard: - 6GK7443-1GX30-0XE0			CP 443-1 Advanced: - 6GK7443-1GX30-0XE0 CP 443-1 Standard: - 6GK7443-1EX30-0XE0			CP 443-1 Advanced: - 6GK7443-1GX30-0XE0 CP 443-1 Standard: - 6GK7443-1EX30-0XE0			CP 443-1 ⁴⁾	integrated IE/PN interface							
TCP/IP	-			-			-			-	8192 Byte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte
ISO-on-TCP (RFC1006)	1452 Byte			1452 Byte			1452 Byte			1452 Byte	8192 Byte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte	32 kByte
ISO transport	-			-			-			-	8192 Byte	-	-	-	-	-	-	-
UDP	-			-			-			-	2048 Byte	1472 Byte	1472 Byte	1472 Byte	1472 Byte	1472 Byte	1472 Byte	1472 Byte
max. number of connections for Open IE communication with T-blocks	14	30	62	30	62	46	62	64	64	-	46	30	62	62	94	118	118	
max. number of connections for Open IE communication with AG_SEND / AG_RECV	-	-	-	-	-	-	-	-	-	64	-	-	-	-	-	-	-	
Local Device ID	16#0 ²⁾									-	16#5 / 16#15 ²⁾							
Description	Open User Communication via CP with TCON, TSEND, TRCV and TDISCON									Communication via CP with AG_SEND and AG_RECV	Open User Communication via integrated IE/PN interface with TCON, TSEND, TRECVC and TDISCON							

¹⁾ The Open User Communication of CP via the function blocks TSEND, TRCV, TCON and TDISCON is released on CPUs from V5.3.2.
²⁾ Further information you can find under entry ID [51339682](#)
³⁾ The Open User Communication of CP via the function blocks TSEND, TRCV, TCON and TDISCON is released on CPUs from V6.0.3 and on H-CPU's from V6.0.
⁴⁾ Further information about compatibility between CPU and Industrial Ethernet CP you can find under entry ID [26561772](#)
⁵⁾ H-CPU's V4.5 and lower firmware versions do not support the Open User Communication of CP via the function blocks TSEND, TRCV, TCON and TDISCON.