6ES7416-5HS06-0AB0

Data sheet



SIMATIC S7-400H, CPU 416-5H, central processing unit for S7-400H and S7-400F/FH, 5 interfaces: 1x MPI/DP, 1x DP, 1x PN and 2 for sync modules, 16 MB memory (10 MB data/6 MB program)

General information	
Product type designation	CPU 416-5H PN/DP
Firmware version	V6.0
Product function	
• Isochronous mode	No
Engineering with	
 Programming package 	As of STEP 7 V5.5 SP2 with HF1
CiR - Configuration in RUN	
CiR synchronization time, basic load	100 ms
CiR synchronization time, time per I/O byte	0 μs
Supply voltage	
Rated value (DC)	Power supply via system power supply
Input current	
from backplane bus 5 V DC, typ.	1.6 A
from backplane bus 5 V DC, max.	1.9 A
from backplane bus 24 V DC, max.	150 mA; 150 mA per DP interface
from interface 5 V DC, max.	90 mA; At each DP interface
Power loss	
Power loss, typ.	7.5 W
Memory	
Type of memory	RAM
Work memory	
integrated	16 Mbyte
integrated (for program)	6 Mbyte
integrated (for data)	10 Mbyte
expandable	No
Load memory	
expandable FEPROM	Yes; with Memory Card (FLASH)
expandable FEPROM, max.	64 Mbyte
integrated RAM, max.	1 Mbyte
• expandable RAM	Yes
expandable RAM, max.	64 Mbyte
Backup	
present	Yes
with battery	Yes; all data
without battery	No
Battery	

Backup battery	
Backup current, typ.	180 μA; Valid up to 40°C
Backup current, typ. Backup current, max.	1 000 µA
Backup time, max.	Dealt with in the module data manual with the secondary conditions and
• Backup time, max.	the factors of influence
 Feeding of external backup voltage to CPU 	5 V DC to 15 V DC
	3 7 00 10 10 7 00
CPU processing times	100
for bit operations, typ.	12.5 ns
for word operations, typ.	12.5 ns
for fixed point arithmetic, typ.	12.5 ns
for floating point arithmetic, typ.	25 ns
CPU-blocks	
DB	
Number, max.	16 000; Number range: 1 to 16000
• Size, max.	64 kbyte
FB	
Number, max.	8 000; Number range: 0 to 7999
• Size, max.	64 kbyte
FC Number was	0.000 Niverbar 222 0 1 7000
Number, max.	8 000; Number range: 0 to 7999
• Size, max.	64 kbyte
OB	
Number, max.	see instruction list
Size, max.	64 kbyte
 Number of free cycle OBs 	1; OB 1
 Number of time alarm OBs 	8; OB 10-17
 Number of delay alarm OBs 	4; OB 20-23
Number of cyclic interrupt OBs	9; OB 30-38
Number of process alarm OBs	8; OB 40-47
Number of DPV1 alarm OBs	3; OB 55-57
Number of startup OBs	2; OB 100, 102
·	
Number of asynchronous error OBs	9; OB 80-88
Number of synchronous error OBs	2; OB 121, 122
Nesting depth	
 per priority class 	24
 additional within an error OB 	2
Counters, timers and their retentivity	
S7 counter	
Number	2 048
Retentivity	
— adjustable	Yes
— lower limit	0
	2 047
— upper limit	Z 0 to Z 7
— preset	Z 0 10 Z 1
Counting range	
— lower limit	0
— upper limit	999
IEC counter	
• present	Yes
• Type	SFB
Number	Unlimited (limited only by RAM capacity)
S7 times	
Number	2 048
Retentivity	
— adjustable	Yes
— lower limit	0
— upper limit	2 047
— preset	No times retentive

Time range	
— lower limit	10 ms
— upper limit	9 990 s
IEC timer	
present	Yes
• Type	SFB
Number	Unlimited (limited only by RAM capacity)
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	Total working and load memory (with backup battery)
Flag	
• Size, max.	16 384 byte
Retentivity available	Yes
Retentivity preset	MB 0 to MB 15
Number of clock memories	8; in 1 memory byte
Local data	o, in a monory byte
adjustable, max.	64 kbyte
	32 kbyte
• preset	32 kbyte
Address area	
I/O address area	
• Inputs	16 kbyte
Outputs	16 kbyte
Process image	
 Inputs, adjustable 	16 kbyte
 Outputs, adjustable 	16 kbyte
 Inputs, default 	1 024 byte
 Outputs, default 	1 024 byte
consistent data, max.	244 byte
 Access to consistent data in process image 	Yes
Subprocess images	
Number of subprocess images, max.	15
Digital channels	
Inputs	131 072
— of which central	131 072
Outputs	131 072
— of which central	131 072
Analog channels	10.012
• Inputs	8 192
— of which central	8 192
Outputs	8 192
— of which central	8 192
	0 192
Hardware configuration	0.1
Number of expansion units, max.	21
Multicomputing	No
Interface modules	
 Number of connectable IMs (total), max. 	6
 Number of connectable IM 460s, max. 	6
Number of connectable IM 463s, max.	4; Single mode only
Number of DP masters	
integrated	2
• via CP	10; CP 443-5 Extended
 Mixed mode IM + CP permitted 	No
via interface module	0
Number of IO Controllers	
integrated	1
• via CP	0
Number of operable FMs and CPs (recommended)	
• FM	See manual Automation System S7-400H fault-tolerant systems.
	Limited by number of slots and number of connections

• CP, PtP	See manual Automation System S7-400H fault-tolerant systems.
- DDOFIDIR and Ethornat CDa	Limited by number of slots and number of connections
PROFIBUS and Ethernet CPs Clate	14; Of which max. 10 CP as DP master
Slots	2
• required slots	2
Time of day	
Clock	v.
Hardware clock (real-time)	Yes
retentive and synchronizable	Yes
Resolution Deviation per dev (huffered) recovers	1 ms
Deviation per day (buffered), max. Deviation per day (upbuffered) may.	1.7 s; Power off
Deviation per day (unbuffered), max. Operating hours counter	8.6 s; Power on
Number	16
Number/Number range	0 to 15
_	SFCs 2, 3 and 4: 0 to 32767 hours SFC 101: 0 to 2^31 - 1 hours
Range of valuesGranularity	1 h
• retentive	Yes
	165
Clock synchronization • supported	Yes
to MPI, master	Yes
• to MPI, slave	Yes
• to DP, master	Yes
• to DP, slave	Yes
• in AS, master	Yes
• in AS, slave	Yes
on Ethernet via NTP	Yes; As client
Time difference in system when synchronizing via	1 co, Ao Gierit
Ethernet, max.	10 ms; Via NTP
MPI, max.	200 ms
Interfaces	200 1113
Number of RS 485 interfaces	2
Number of other interfaces	2; Fiber-optic interface
Optical interface	No
1. Interface	NO
	MDI/DDOFIDLIC DD
Interface type	MPI/PROFIBUS DP
Isolated	Yes
Interface types • RS 485	Yes
	150 mA
Output current of the interface, max. Protocols	150 IIIA
Protocols • MPI	Yes
PROFIBUS DP master	Yes
PROFIBUS DP Illastel PROFIBUS DP slave	No
MPI	110
Number of connections	44; If a diagnostics repeater is used on the line, the number of
• Number of Confidentials	connection resources on the line is reduced by 1
Transmission rate, max.	12 Mbit/s
Services	
— PG/OP communication	Yes
— Routing	Yes
Global data communication	No
— S7 basic communication	No
— S7 communication	Yes
S7 communication, as client	Yes
— S7 communication, as server	Yes
PROFIBUS DP master	
Number of connections, max.	32; If a diagnostics repeater is used on the line, the number of connection resources on the line is reduced by 1

Transmission rate, max.	12 Mbit/s
Number of DP slaves, max.	32
Services	V-
— PG/OP communication	Yes
— Routing	Yes
Global data communication	No
— S7 basic communication	No
— S7 communication	Yes
— S7 communication, as client	Yes
— S7 communication, as server	Yes
— Equidistance	No
	No
— Isochronous mode— SYNC/FREEZE	No
Activation/deactivation of DP slaves	No
 Direct data exchange (slave-to-slave communication) 	No
— DPV1	Yes
Address area	1 65
	2 khyte
— Inputs, max.— Outputs, max.	2 kbyte
·	2 kbyte
User data per DP slave	244 buto
— User data per DP slave, max.	244 byte
— Inputs, max.	244 byte
— Outputs, max.	244 byte
— Slots, max.	244
— per slot, max.	128 byte
PROFIBUS DP slave	
Number of connections	No configuration of CPU as DP slave
2. Interface	
Interface type	PROFINET
Isolated	Yes
automatic detection of transmission rate	Yes; Autosensing
automatic detection of transmission rate Autonegotiation	Yes; Autosensing Yes
automatic detection of transmission rate Autonegotiation Autocrossing	Yes; Autosensing Yes Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported	Yes; Autosensing Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types	Yes; Autosensing Yes Yes No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet)	Yes; Autosensing Yes Yes No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports	Yes; Autosensing Yes Yes No Yes 2
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch	Yes; Autosensing Yes Yes No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols	Yes; Autosensing Yes Yes No Yes 2 Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller	Yes; Autosensing Yes Yes No Yes 2 Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device	Yes; Autosensing Yes Yes No Yes 2 Yes No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device • PROFINET CBA	Yes; Autosensing Yes Yes No Yes No Yes 2 Yes No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device • PROFINET CBA • PROFIBUS DP master	Yes; Autosensing Yes Yes No Yes 2 Yes No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device • PROFINET CBA • PROFIBUS DP master • PROFIBUS DP slave	Yes; Autosensing Yes Yes No Yes No Yes 2 Yes No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device • PROFINET CBA • PROFIBUS DP master	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFINET CBA PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types • RJ 45 (Ethernet) • Number of ports • integrated switch Protocols • PROFINET IO Controller • PROFINET IO Device • PROFINET CBA • PROFIBUS DP master • PROFIBUS DP slave • Open IE communication	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No No No No No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFINET CBA PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No No No No No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No No No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max.	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No No No No No No No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No No No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max.	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No No No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max. Services	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No No No Yes No No Yes No No Yes No No No Yes No No No No No No No No Yes No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max. Services — PG/OP communication	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No No Yes No No No Yes No No No Yes No No No No Yes No No No No Yes No No No Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max. Services — PG/OP communication — S7 communication	Yes; Autosensing Yes Yes No Yes 2 Yes Yes No No No No No No No Yes No No Yes No No Yes No No Yes Yes Yes Yes
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max. Services PG/OP communication S7 communication Isochronous mode	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No No Yes No No Yes No No Yes No No No Yes No No No No No No No No No Yes No
automatic detection of transmission rate Autonegotiation Autocrossing Change of IP address at runtime, supported Interface types RJ 45 (Ethernet) Number of ports integrated switch Protocols PROFINET IO Controller PROFINET IO Device PROFIBUS DP master PROFIBUS DP slave PROFIBUS DP slave Open IE communication Web server Point-to-point connection Media redundancy PROFINET IO Controller Transmission rate, max. Services PG/OP communication S7 communication Isochronous mode Shared device	Yes; Autosensing Yes Yes No Yes 2 Yes No No No No No No No No Yes No No Yes No No No Yes No Yes No Yes Yes

 Number of connectable IO Devices for RT, max. 	256
— of which in line, max.	256
Activation/deactivation of IO Devices	No
	No
 IO Devices changing during operation (partner ports), supported 	NU
 Device replacement without swap medium 	Yes
— Send cycles	250 μs, 500 μs, 1 ms, 2 ms, 4 ms
— Updating time	250 µs to 512 ms, minimum value depends on the number of configured user data and the configured single or redundant mode
Address area	
— Inputs, max.	8 kbyte
— Outputs, max.	8 kbyte
 User data consistency, max. 	1 024 byte
Open IE communication	
Number of connections, max.	94
• Local port numbers used at the system end	0, 20, 21, 25, 102, 135, 161, 34962, 34963, 34964, 65532, 65533, 65534, 65535
 Keep-alive function, supported 	Yes
3. Interface	
Interface type	PROFIBUS DP
Interface types	1101.1500 5.
• RS 485	Yes
Output current of the interface, max.	150 mA
Protocols	100 110 1
PROFIBUS DP master	Yes
PROFIBUS DP slave	No
PROFIBUS DP master	INU
Number of connections, max.	32
Transmission rate, max.	12 Mbit/s
Number of DP slaves, max.	125
Services	V
— PG/OP communication	Yes
— Routing	Yes
Global data communication	No
 S7 basic communication 	No
— S7 communication	Yes
 S7 communication, as client 	Yes
 S7 communication, as server 	Yes
— Equidistance	No
— Isochronous mode	No
— SYNC/FREEZE	No
 Activation/deactivation of DP slaves 	No
 — Direct data exchange (slave-to-slave communication) 	No
— DPV0	Yes
— DPV1	Yes
Address area	
— Inputs, max.	8 kbyte
— Outputs, max.	8 kbyte
User data per DP slave	
— User data per DP slave, max.	244 byte
— Inputs, max.	244 byte
— Outputs, max.	244 byte
— Slots, max.	244
— per slot, max.	128 byte
4. Interface	
Interface type	Pluggable synchronization submodule (FO)
Plug-in interface modules	Synchronization modules 6ES7960-1AA06-0XA0 or 6ES7960-1AB06-
r lug-in internace modules	Synchronization modules destado-TAAUU-UAAU di destado-TABUO-

	0XA0
5. Interface	0/010
Interface type	Pluggable synchronization submodule (FO)
Plug-in interface modules	Synchronization modules 6ES7960-1AA06-0XA0 or 6ES7960-1AB06-
riag ir intoriass modalos	0XA0
Protocols	
Redundancy mode	
Media redundancy	
 Switchover time on line break, typ. 	200 ms
 Number of stations in the ring, max. 	50
SIMATIC communication	
S7 routing	Yes
Open IE communication	
• TCP/IP	Yes; via integrated PROFINET interface and loadable FBs
 Number of connections, max. 	94
— Data length, max.	32 kbyte
 several passive connections per port, 	Yes
supported	
• ISO-on-TCP (RFC1006)	Yes; Via integrated PROFINET interface or CP 443-1 and loadable FBs
 Number of connections, max. 	94
— Data length, max.	32 kbyte; 1 452 bytes via CP 443-1 Adv.
• UDP	Yes; via integrated PROFINET interface and loadable FBs
 Number of connections, max. 	94
— Data length, max.	1 472 byte
Web server	
supported	No
Isochronous mode	
Equidistance	No
Communication functions	
PG/OP communication	Yes
Number of connectable OPs without message	95
processing	50
Number of connectable OPs with message	95; When using Alarm S/SQ and Alarm D/DQ
processing	
Data record routing	Yes
Global data communication	
• supported	No
S7 basic communication	
• supported	No
S7 communication	
supported	Yes
• as server	Yes
• as client	Yes
 User data per job, max. 	64 kbyte
• User data per job (of which consistent), max.	462 byte; 1 variable
S5 compatible communication	
• supported	Yes; (via CP max. 10 and FC AG_SEND and FC AG_RECV)
User data per job, max.	8 kbyte
User data per job (of which consistent), max.	240 byte
 Number of simultaneous AG-SEND/AG-RECV 	64/64
orders per CPU, max.	
Standard communication (FMS)	
• supported	Yes; Via CP and loadable FB
Number of connections	
overall	96
 usable for PG communication 	
usable for PG communicationreserved for PG communication	1
	1 0

 reserved for OP communication 	1
 adjustable for OP communication, max. 	0
 usable for S7 basic communication 	
 reserved for S7 basic communication 	0
 adjustable for S7 basic communication, max. 	0
 usable for S7 communication 	
 reserved for S7 communication 	0
 adjustable for S7 communication, max. 	0
usable for routing	
— reserved for routing	0
adjustable for routing, max.	0
S7 message functions	
Number of login stations for message functions, max.	95; Max. 95 with Alarm_S/SQ and Alarm_D/DQ (OPs); max. 16 with
Number of logiti stations for message functions, max.	Alarm, Alarm_8, Alarm_8P, Notify and Notify_8 (e.g. WinCC)
Symbol-related messages	No
SCAN procedure	No
Program alarms	Yes
Process diagnostic messages	Yes
simultaneously active Alarm-S blocks, max.	1 000; Simultaneously active alarm_S/SQ blocks or alarm_D/DQ blocks
Alarm 8-blocks	Yes
Number of instances for alarm 8 and S7	10 000
communication blocks, max.	10 000
• preset, max.	1 200
Process control messages	Yes
Number of archives that can log on simultaneously (SFB	64
37 AR_SEND)	04
Test commissioning functions	
Status block	Yes
Single step	Yes
Number of breakpoints	16
Status/control	
 Status/control variable 	Yes; Up to 16 variable tables
Variables	Inputs/outputs, memory bits, DBs, distributed I/Os, timers, counters
Number of variables, max.	70
Forcing	
Forcing	Yes
 Forcing, variables 	Inputs/outputs, bit memories, distributed I/Os
 Number of variables, max. 	512
Diagnostic buffer	
• present	Yes
Number of entries, max.	3 200
— adjustable	Yes
— preset	120
Service data	
• can be read out	Yes
EMC	100
Emission of radio interference acc. to EN 55 011	Voc
Limit class A, for use in industrial areas	Yes
Limit class B, for use in residential areas	No
Configuration	
Configuration software	
• STEP 7	Yes
Programming	
 Command set 	see instruction list
 Nesting levels 	7
 Access to consistent data in process image 	Yes
Access to consistent data in process image	
System functions (SFC)	see instruction list
	see instruction list see instruction list

Programming language	
— LAD	Yes
— FBD	Yes
— STL	Yes
— SCL	Yes
— CFC	Yes
— GRAPH	Yes
— HiGraph®	Yes
Number of simultaneously active SFCs	
— RD_REC	8
— WR_REC	8
— WR_PARM	8
— PARM_MOD	1
— WR_DPARM	2
— DPNRM_DG	8
— RDSYSST	8
— DP_TOPOL	1
Number of simultaneously active SFBs	
— RDREC	8
— WRREC	8
Know-how protection	
 User program protection/password protection 	Yes
 Block encryption 	Yes; With S7 block Privacy
Dimensions	
Width	50 mm
Height	290 mm
Depth	219 mm
Weights	
Weight, approx.	995 g