

Fortigate Firewalls Hardware - CPU model and cores/threads number, Memory (RAM) and hard disk size datasheet table

NOTE The data is gathered via `get hardware stat` command.

NOTE If you have access to the Fortigate model not listed here, please consider sending me output of `get hardware stat` to be included in the table to yuri@yurisk.info for the benefit of all of us.

NOTE It is possible for the same model to have different *revisions/Generations*. e.g. 100D rev. 1 was fitted with 2048 MB of RAM, while rev.2 and rev. 3 with 4096 MB, while the CPU stayed the same.

NOTE Bookmark this page as I will be updating it with new Fortigate models as they become available. Also, this table as PDF [Fortigate Firewalls Hardware - CPU model and number, Memory \(RAM\) and hard disk size](#)

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiGate-30D	CP0	FortiSOC2	1	932	3879	n/a	Fortigate 30D datasheet
FortiWifi-30E	n/a	ARMv7	2	1006	128	n/a	Fortigate 30E datasheet Fortigate 30E 3G4G datasheet
FortiGate-40F	SOC4	ARMv8	4	1820	3662 (EMMC)	n/a	Fortigate 40F datasheet
FortiWiFi-50E	n/a	ARMv7	2	2021	128	n/a	Fortigate 50E datasheet

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
Fortigate-60D	CP0	FortiSOC2	1	1839	3879	n/a	Fortigate 60D datasheet
FortiWiFi-60E	SOC3	ARMv7	4	1863	3662 (EMMC)	n/a	Fortigate 60E datasheet
Fortigate-60E	SOC3	ARMv7	4	1866	3662 (EMMC)	n/a	Fortigate 60E datasheet
FortiGate-61E	SOC3	ARMv7	4	1866	3662 (EMMC)	122104	Fortigate 61E datasheet
FortiGate-60F	SOC4	ARMv8	8	1919	3662 (EMMC)	n/a	Fortigate 60F datasheet
FortiGate-61F	SOC4	ARMv8	8	1919	3662 (EMMC)	122104	Fortigate 61F datasheet
Fortigate-80D	n/a	Intel® Atom™ CPU N2600 @ 1.60GHz	4	1985	980	15272	
Fortigate-80E	SOC3	ARMv7	4	1866	3662 (EMMC)	n/a	Fortigate 80E datasheet
Fortigate-81E	SOC3	ARMv7	4	1866	3662 (EMMC)	122104	Fortigate 81E datasheet
Fortigate-80F	SOC4	ARMv8	8	3718	3662 (EMMC)	n/a	Fortigate 80F datasheet
Fortigate-81F	SOC4	ARMv8	8	3718	3662 (EMMC)	122104	Fortigate 81F datasheet
FortiGate-91E	n/a	Intel® Atom™ CPU C2338 @ 1.74GHz	2	2010	7758	122104	Fortigate 90E datasheet

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiWiFi-92D	n/a	Intel® Atom™ CPU D525 @ 1.80GHz	4	1971	15331	15272	Fortigate 92D datasheet
FortiGate-100D	CP8	Intel® Atom™ CPU D525 @ 1.80GHz	4	3955	15331	30533	
Fortigate-100E	SOC3	ARMv7	4	3040	3662 (EMMC)	n/a	Fortigate 100E datasheet
Fortigate-101E	SOC3	ARMv7	4	3040	3662 (EMMC)	457862	Fortigate 100E datasheet
FortiGate-100F	SOC4	ARMv8	8	3616	3663 (EMMC)	n/a	Fortigate 100F datasheet
FortiGate-101F	SOC4	ARMv8	8	3616	3662 (EMMC)	457862	Fortigate 100F datasheet
FortiGate-200D	CP8	Intel® Celeron® CPU G540 @ 2.50GHz	2	3947	15331	61057	
FortiGate-200E	CP9	Intel® Celeron® CPU G1820 @ 2.70GHz	2	3962	15331	n/a	Fortigate 200E datasheet
FortiGate-201E	CP9	Intel® Celeron® CPU G1820 @ 2.70GHz	2	3962	15331	457862	Fortigate 200E datasheet
FortiGate-200F	CP9	Intel® Xeon® CPU D-1627 @ 2.90GHz	8	7979	28738	n/a	

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
Fortigate-300D	CP8	Intel Core i3-3220 (Ivy Bridge) @ 3.3Ghz	4	7996	15331	114473	Fortigate 300D datasheet
FortiGate-300E	CP9	Intel® Core™ i5-6500 CPU @ 3.20GHz	4	7980	15331	n/a	Fortigate 300E datasheet
FortiGate-301E	CP9	Intel® Core™ i5-6500 CPU @ 3.20GHz	4	7980	15331	n/a	Fortigate 300E datasheet
FortiGate-400D	CP8	Intel® Core™ i3-3220 @ 3.30GHz	unknown	7996	15331	n/a	
Fortigate-400E	CP9	Intel® Core™ i5-8500 @ 3.00GHz	unknown	7996	15331	n/a	Fortigate 400E datasheet
Fortigate-401E	CP9	Intel® Core™ i5-8500 @ 3.00GHz	unknown	7996	15331	457862	Fortigate 400E datasheet
Fortigate-500D	CP8	Intel® Xeon® E3-1225 V2 @ 3.20GHz	4	7996	15331	114473	Fortigate 500D datasheet
FortiGate-500E	CP9	Intel® Core™ i7-6700 CPU @ 3.40GHz	8	16048	15331	n/a	Fortigate 500E datasheet
FortiGate-501E	CP9	Intel® Core™ i7-6700 CPU @ 3.40GHz	8	16048	15331	228936	Fortigate 501E datasheet

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiGate-600D	CP8	Intel® Core™ i7-3770 CPU @ 3.40GHz	8	7996	15331	114473	Fortigate 600D datasheet
Fortigate-600E	CP9	Intel® Core™ i7-8700 CPU @ 3.20Ghz	12	16031	15331	n/a	Fortigate 600E datasheet
Fortigate-601E	CP9	Intel® Core™ i7-8700 CPU @ 3.20Ghz	12	16031	15331	228936/447000	Fortigate 601E datasheet
FortiGate-800D	CP8	Intel® Core™ i5-4690S CPU @ 3.20GHz	4	7997	15331	228936	Fortigate 800D datasheet
FortiGate-900D	CP8	Intel® Xeon® CPU E3-1225 v3 @ 3.20GHz	4	16064	1925	244198	Fortigate 900D datasheet
FortiGate-1000D	CP8	Intel® Xeon® CPU E3-1275 v3 @ 3.50GHz	8	15979	3840	114473/244198	Fortigate 1000D datasheet
FortiGate-1101E	CP9	Intel® Xeon® E-2186G CPU @ 3.80GHz	12	16048	15331	457862/915724	Fortigate 1100E datasheet
FortiGate-1500D	CP8	Intel® Xeon® CPU E5-1650 0 @ 3.20GHz	12	16064	30653	2x228936	Fortigate 1500D datasheet
FortiGate-1800F	CP9	Intel® Xeon® W-3223 CPU @ 3.50GHz	16	24102	28738	n/a	Fortigate 1800F datasheet

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiGate-2200E	CP9	Intel® Xeon® Gold 6126 CPU @ 2.60GHz	24	48294	15331	n/a	
FortiGate-2201E	CP9	Intel® Xeon® Gold 6126 CPU @ 2.60GHz	24	48294	15331	2x915715	
FortiGate-2500E	CP9	Intel® Xeon® CPU E5-1650 v3 @ 3.50GHz	12	32199	15331	457862	
FortiGate-2600F	CP9	Intel® Xeon® Gold 6208U CPU @ 2.90GHz	32	48292	28738	n/a	
FortiGate-2601F	CP9	Intel® Xeon® Gold 6208U CPU @ 2.90GHz	32	48292	28738	953869	
FortiGate-3000D	CP8	Intel® Xeon® CPU E5-2650 v3 @ 2.30GHz	40	64469	15331	457862	
FortiGate-3100D	CP8	Intel® Xeon® E5-2660 v3 @ 2.60GHz	unknown	64469	15331	457862	
FortiGate-3200D	CP8	Intel® Xeon® CPU E5-2670 v3 @ 2.30GHz	48	64468	15331	457862	

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiGate-3300E	CP9	Intel® Xeon® Gold 5118 CPU @ 2.30GHz	unknown	96674	15331	n/a	
FortiGate-3400E	CP9	Intel® Xeon® Gold 6130 CPU @ 2.10GHz	64	96674	15331	n/a	
FortiGate-3401E	CP9	Intel® Xeon® Gold 6130 CPU @ 2.10GHz	64	96674	15331	2x915724	
FortiGate-3600E	CP9	Intel® Xeon® Gold 6152 CPU @ 2.10GHz	unknown	96674	15331	n/a	
FortiGate-3601E	CP9	Intel® Xeon® Gold 6152 CPU @ 2.10GHz	unknown	96674	15331	2x915724	
FortiGate-3700D	CP8	Intel® Xeon® E5-2680 V2 CPU @ 2.80GHz	unknown	64469	15331	2x457862	
FortiGate-3800D	CP8	Intel® Xeon® E5-2680 V2 CPU @ 2.80GHz	unknown	64469	15331	2x457862	
FortiGate-3810D	CP8	Intel® Xeon® E5-2680 V2 CPU @ 2.80GHz	unknown	64469	15331	2x457862	

Fortigate Model	ASIC version	CPU model	Number of CPUs/threads for Intel CPUs	Memory (RAM) size (MB)	Compact Flash size (MB)	Hard disk size (MB)	Datasheet
FortiGate-3960E	CP9	Intel® Xeon® E5-2650 V4 CPU @ 2.20GHz	unknown	256000	15331	n/a	
FortiGate-3980E	CP9	Intel® Xeon® E5-2650 V4 CPU @ 2.20GHz	unknown	256000	15331	n/a	

NOTE

This website is not affiliated with/nor endorsed by Fortinet™. All trademarks belong to their respective owners.