Energy Related Products (ErP) Directive

ErP Directive (2009/125/EC)

The ErP Directive establishes a framework for setting eco-design and minimum energy efficiency requirements for energy related products (ErP), imported into or sold in the European Union and replaces the earlier Eco-design Directive 2005/32/EC. As stated, this Directive establishes a framework and Implementing Measures or Regulations specify eco-design or energy efficiency requirements for a specific product class. Products covered by an Implementing Measure must comply by the date listed in that Implementing Measure. CE marking denotes a product is compliant with the Implementing Measure and the manufacturer must issue a declaration of conformity for the product.

The following Implementing Measures impact Netgear Products:

2019/1782 Eco-design requirements for external power supplies (replacing 278/2009). NETGEAR products that comply with EN55022, Class B and use an external power supply are subject to regulation 2019/1782. All external power adapters for the class B products shipping after April 1st 2020 have been updated to meet Regulation 2019/1782.

1275/2008, amended by 801/2013 Eco-design requirements for standby and off mode and networked standby, electric power consumption of electrical and electronic household and office equipment.

Most NETGEAR business products with more than 8 Ethernet ports are EN55022 Class A products, which is a class of products that are not subject assessment to current ErP regulations. Also, NETGEAR networking adapters not powered from AC power mains are not covered by ErP regulations.

All Netgear equipment under the scope of 1275/2008 as amended by 801/2013 are considered to be networked equipment and all switches, routers, wireless extenders and NAS storage devices are considered to be “networked equipment with high network availability” (HiNA equipment). Therefore, the availability of off-modes and standby modes are not appropriate for intended use.

The following information is provided in accordance with the Directive:

Table 1. Power consumption in idle/standby modes

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)
MC321	0.3		
MC327	0.2		

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)
RBR50, RBS50			7.5
RAX50	0.1	4.1	4.1
MR60, MS60			4.6
EAX20	0.1	3.7	5.2
R9000	0.4		
BR500, BR200	0.1	3.1	3.1
GS310TP			4.6
GS208			1.3
GS305			0.7
GS305E			1.6
GS305P			1.7
GS305PP			2.2
GS308			0.8
GS308E			2.5
GS308T			4.6
FS105			0.5
GS605			1.2
GS608			1.3
GS105			0.9
GS105E			0.7
RAX200		7.8	16.6
RAX40			7.9
RAX80			16.8
RBR20, RBS20			4.9
RBR40, RBS40			6.7
RBW30			5.5
RBR50, RBS50			7.7
RBS40V, RBS40Vv2			7.5
RBS50Y			6.8
RN526/626X			0.3
RN528/RN628X			0.3
XR300, R6400v2, R6700v3			8.1
XS505M			8.5
WN3000RP2	NA	3.3	3.3
R8000P			12.9
R9000			15.3
SRC60			6.7
SRR60, SRS60			7.4
WAC104			4.73
WAC124			5.3
WAC505			5.5
WAC510			5.2
WAC540			6.7
WAC720			7.2
WAC730			7.9
WAC740			11.5
GS108T			3.4
GS110TUP			7.4
GS110TPP			7.4
GS110TP			4.2
GS110MX			6.4
GS110EMX			7.8

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)
GS205			1.6
GS808E			0.9
GS810EMX			6.4
GS908E			2.3
R7000			9.1
R7000P			7.8
EAX80			13.73
EX3110			2.8
EX6110			2.8
EX3700			3.4
EX3800			2.8
EX6120			2.9
EX6130			3.0
EX6150			4.5
EX6410, EX6420			4.5
EX6410v2	0.4	4.1	4.8
EX7000			8.7
EX7300, EX7320			4.7
EX7500			5.4
EX7700			5.0
EX8000			6.5
FS108			1.3
FS205			1.6
FS208			0.8
D6400			9.3
D7000			7.3
RAX120			12.5
XR500			9.3
XR700			15.3
R7800			9.3
R6850			5.1
RBR750, RBS750	0.1	7.4	7.9
RBR850, RBS850	0.1		8.3
RAX20	0.1	<5.2	5.2
WBC502			7.1
RBR10			5.7
RBS10			4.3
MR1100			8.2
RAX40v2	0.1	4	4.9
RAX43	0.1	4.1	4.1
LBR20	NA	<7.8	7.8
WAX610	NA	3.9	4.9
RAX35v2	0.1	4.0	4.9
RAX38v2	0.1	4	4.9
MC315	0.1	1.4	1.4
RAX70	0.2	7.5	7.9
LBR1020	NA	<6.8	6.8
RBR350, RBS350	NA	<6.5	6.5
EAX15	NA	3.0	3.1
EX6470	0.4	<4.0	4.0
RAX10	NA	3.5	8.0
GS305Pv2	NA	1.4	2.8
LAX20	0.1	<3.7	3.7

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)
GS305EP, GS305 EPP	NA	3.6	4.9
GS308EP, GS308EPP	NA	4.1	4.1
XR1000	0.1	4.1	4.1
WAX204	NA	3.5	8.0
LM1200	NA	1.0	1.2
MR80, MS80	0.1	5.3	6.0
WAX206	NA	5.7	<7.9
EAX12	NA	<4.9	4.9
SXR30, SXS30	NA	<6.5	6.5
EX6250v2	0.4	<4.0	4.0
MR5100, MR5200	NA	<4.0	
RAXE500	0.1	7.5	16.7
NBR750	0.1	7.5	8.0
RAX30	0.1	3.8	13.7
RBRE960, RBSE960	NA		16.7
MS108UP, MS108EUP	NA	<6.9	6.9
MS308UP, MS308EUP	NA	<6.9	6.9