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)	Time to Idle power
MC321	0.3	1.7	1.7	Less than 20 minutes
MC327	0.2	1.7	1.7	Less than 20 minutes

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)	Time to Idle power
RAX50	0.1	4.1	4.1	Less than 20 minutes
MR60, MS60	NA	3.8	4.6	Less than 20 minutes
EAX20	0.1	3.7	5.2	Less than 20 minutes
BR500, BR200	0.1	3.1	3.1	Less than 20 minutes
GS310TP	NA	4.6	4.6	Less than 20 minutes
GS208	NA	1.3	1.3	Less than 20 minutes
GS305	NA	0.7	0.7	Less than 20 minutes
GS305E	NA	1.6	1.6	Less than 20 minutes
GS305P	NA	1.7	1.7	Less than 20 minutes
GS305PP	NA	2.2	2.2	Less than 20 minutes
GS308	NA	0.8	0.8	Less than 20 minutes
GS308E	NA	2.5	2.5	Less than 20 minutes
GS308T	NA	4.6	4.6	Less than 20 minutes
FS105	NA	0.5	0.5	Less than 20 minutes
GS605	NA	1.2	1.2	Less than 20 minutes
GS608	NA	1.3	1.3	Less than 20 minutes
GS105	NA	0.9	0.9	Less than 20 minutes
GS105E	NA	0.7	0.7	Less than 20 minutes
RAX40	0.1	3.8	7.9	Less than 20 minutes
RBR20, RBS20	0.3	5.9	5.9	Less than 20 minutes
RBR40, RBS40	0.3	6.7	6.7	Less than 20 minutes
RBW30	NA	5.5	5.5	Less than 20 minutes
RBR50, RBS50	0.1	7.7	7.7	Less than 20 minutes
RBS40V	0.1	7.5	7.7	Less than 20 minutes
RBS50Y	0.18	6.8	6.8	Less than 20 minutes
WN3000RP2	NA	3.3	3.3	Less than 20 minutes
SRR60, SRS60	0.1	6.4	7.4	Less than 20 minutes
WAC104	NA		4.73	Less than 20 minutes
WAC124	NA		5.3	Less than 20 minutes
WAC505	NA		5.5	Less than 20 minutes
WAC510	NA		5.2	Less than 20 minutes
WAC540	NA		6.7	Less than 20 minutes
WAC720	NA		7.2	Less than 20 minutes
WAC730	NA		7.9	Less than 20 minutes
GS108T	NA	3.4	3.4	Less than 20 minutes
GS110TUP	NA	7.4	7.4	Less than 20 minutes
GS110TPP	NA	7.4	7.4	Less than 20 minutes
GS110TP	NA	4.2	4.2	Less than 20 minutes
GS110MX	NA	6.4	6.4	Less than 20 minutes
GS110EMX	NA	7.8	7.8	Less than 20 minutes
GS205	NA	1.6	1.6	Less than 20 minutes
GS808E	NA		0.9	Less than 20 minutes
GS810EMX	NA		6.4	Less than 20 minutes
GS908E	NA		2.3	Less than 20 minutes
EX3110	0.1	2.4	2.8	Less than 20 minutes
EX6110	0.1	2.4	2.8	Less than 20 minutes

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)	Time to Idle power
EX3700		3.4	3.4	Less than 20 minutes
EX3800		2.8	2.8	Less than 20 minutes
EX6120		2.9	2.9	Less than 20 minutes
EX6130		3.0	3.0	Less than 20 minutes
EX6150		4.5	4.5	Less than 20 minutes
EX6410, EX6420		4.5	4.5	Less than 20 minutes
EX6410v2	0.4	4.1	4.8	Less than 20 minutes
EX7300, EX7320		4.7	4.7	Less than 20 minutes
EX7500		5.4	5.4	Less than 20 minutes
EX7700		5.0	5.0	Less than 20 minutes
EX8000		6.5	6.5	Less than 20 minutes
FS108	*NA*	1.3	1.3	Less than 20 minutes
FS205	*NA*	1.6	1.6	Less than 20 minutes
FS208	*NA*	0.8	0.8	Less than 20 minutes
R6850		5.1	5.1	Less than 20 minutes
RBR750, RBS750	0.1	7.4	7.9	Less than 20 minutes
RAX20	0.1	<5.2	5.2	Less than 20 minutes
WBC502	NA	<7.1	7.1	Less than 20 minutes
RBR10	NA	4.6	5.7	Less than 20 minutes
RBS10	NA	4.6	4.6	Less than 20 minutes
RAX40v2	0.1	4	4.9	Less than 20 minutes
RAX43	0.1	4.1	4.1	Less than 20 minutes
LBR20	NA	<7.8	7.8	Less than 20 minutes
WAX610	NA	3.9	4.9	Less than 20 minutes
RAX35v2	0.1	4.0	4.9	Less than 20 minutes
RAX38v2	0.1	4	4.9	Less than 20 minutes
MC315	0.1	1.4	1.4	Less than 20 minutes
RAX70	0.2	7.5	7.9	Less than 20 minutes
LBR1020	NA	<6.8	6.8	Less than 20 minutes
RBR350, RBS350	NA	<6.5	6.5	Less than 20 minutes
EAX15	NA	3.0	3.1	Less than 20 minutes
EX6470	0.4	<4.0	4.0	Less than 20 minutes
RAX10	NA	3.5	8.0	Less than 20 minutes
GS305Pv2	NA	1.4	2.8	Less than 20 minutes
LAX20	0.1	<3.7	3.7	Less than 20 minutes
GS305EP, GS305 EPP	NA	3.6	4.9	Less than 20 minutes
GS308EP, GS308EPP	NA	4.1	4.1	Less than 20 minutes
XR1000	0.1	4.1	4.1	Less than 20 minutes
WAX204	NA	3.5	8.0	Less than 20 minutes
LM1200	NA	1.0	1.2	Less than 20 minutes
MR80, MS80	0.1	5.3	6.0	Less than 20 minutes
WAX206	NA	5.7	<7.9	Less than 20 minutes
EAX12	NA	<4.9	4.9	Less than 20 minutes
SXR30, SXS30	NA	<6.5	6.5	Less than 20 minutes
EX6250v2	0.4	<4.0	4.0	Less than 20 minutes
MR5100, MR5200	NA		3.4	Less than 20 minutes
NBR750	0.1	7.5	8.0	Less than 20 minutes
MS108UP, MS108EUP	NA	<6.9	6.9	Less than 20 minutes

Product	Off Mode power (W)	Standby/single port power (W)	Idle power (W)	Time to Idle power
MS308UP, MS308EUP	NA	<6.9	6.9	Less than 20 minutes