

Zipty Fiber is a signatory to the Voluntary Agreement for Ongoing Improvement to the Energy Efficiency of Small Network Equipment (SNE), below please find the energy usage of SNE models.

**SNE Energy Information**

Brand	Model Number	Base Type	Additional Features	Idle Power (Watts)
ARRIS	NVG468MQ	IAD GigE	GigE LAN (4), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (3), MoCA, FXS (2), USB 3 (1), PCIe (1), AP 5K-10K DMIPS (1)	12.80
ARRIS	NVG448BQ	IAD VDSL2	GigE Backup WAN, VDSL2 simultaneous additional WAN, GigE LAN (4), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (3), FXS (2), USB 3 (1), PCIe (1), AP 5K-10K DMIPS (1)	13.50*
ARRIS	NVG448BQ	IAD VDSL2	GigE Backup WAN, VDSL2 simultaneous additional WAN, GigE LAN (4), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (3), FXS (2), USB 3 (1), PCIe (1), AP 5K-10K DMIPS (1)	13.30*
ARRIS	NVG448B	IAD VDSL2	GigE Backup WAN, VDSL2 simultaneous additional WAN, GigE LAN (4), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (1), FXS (2), USB 3 (1), PCIe (2), AP 5K-10K DMIPS (1)	12.00
ARRIS	NVG443B	IAD VDSL2	GigE Backup WAN, VDSL2 simultaneous additional WAN, GigE LAN (4), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (1), USB 3 (1), PCIe (2), AP 5K-10K DMIPS (1)	12.00
Netgear	D2200D	IAD ADSL2+	Fast E LAN (4), WiFi (n) LP, PCIe (1)	4.00
ARRIS	AM525	Advanced LNE	GigE LAN (2), WiFi (n) LP, WiFi (ac) LP, WiFi above 2x2 LP (2), MoCA	8.30
ARRIS	FST1305	G.Fast	Additional Backup WAN, GigE LAN (1)	4.70
ARRIS	ECB6200	Basic LNE	GigE LAN (1), MoCA	2.60

\*Note: Same hardware with different firmware installed.

**Base Type List**

Base Type	Base Type Description
IAD ADSL2+	Integrated Access Device with ADSL2plus WAN connection
IAD GigE	Integrated Access Device with GigE WAN
IAD VDSL2	Integrated Access Device with VDSL2 (8, 12a, 17a, but not 30a) WAN connection
Advanced LNE	Advanced LNE MoCA/WiFi/Ethernet Extender
G.Fast	Broadband Modem with G.Fast WAN
Basic LNE	LNE other than Advanced LNE (MoCA Adaptor)

**Feature List**

Feature	Feature Description
GigE Backup WAN	Gigabit Ethernet WAN
VDSL2 Simul additional WAN	VDSL2 (8, 12a, 17a, but not 30a)
VDSL2 Backup WAN	VDSL2 (35b)
Fast E LAN	1 Fast Ethernet port
GigE LAN	1 Gigabit Ethernet port
Wi-Fi (n) LP	Wi-Fi IEEE 802.11n radio at 2.4 GHz or at 5.0 GHz with a conducted output power less than 200 mW per chain (up to 2x2, i.e. 400 mW)
Wi-Fi (ac) LP	Wi-Fi, IEEE 802.11ac radio at 5 GHz with a conducted output power less than 200 mW per chain (up to 2x2, i.e. 400 mW)

Wi-Fi above 2x2 LP	Additional allowance per RF chain above a 2x2 MIMO configuration (e.g., for 3x3 and 4x4) with a conducted output power less than 200 mW per chain
MoCA	MoCA 1.1/2.0
FXS	FXS
USB 3	USB 3.0 - no load connected
PCIe	PCIe Interface (Connected)
AP 5K-10K DMIPS	Application Processor 5K-10K DMIPS