

Frontier Communications 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)	12.13
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)	13.49*
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)	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 (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 (1)	11.99
Netgear	D2200D	IAD ADSL2+	Fast E LAN (4), WiFi (n) LP, PCIe (1)	4.00

*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

Feature List

Feature	Feature Description
GigE Backup WAN	Gigabit Ethernet WAN
VDSL2 Simul additional WAN	VDSL2 (8, 12a, 17a, but not 30a)
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	Multimedia over Coax Alliance 1.1/2.0 1.1/2.0
FXS	Foreign Exchange Subscriber (phone ports)
USB 3	USB 3.0 - no load connected
PCIe	PCIe Interface (Connected)