

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)
Commscope	NVG448B	IAD VDSL2	GigE Backup WAN (1), VDSL2 simultaneous additional WAN (1), GigE LAN (4), 2.4GHz LP (1), 5GHz LP (1), 5GHz MIMO above 2x2 LP (1), FXS (2), USB 3 (1), PCIe1&2 (2), AP 5K-10K DMIPS (1)	11.84
Commscope	NVG443B	IAD VDSL2	GigE Backup WAN (1), VDSL2 simultaneous additional WAN (1), GigE LAN (4), 2.4GHz LP (1), 5GHz LP (1), 5GHz MIMO above 2x2 LP (1), USB 3 (1), PCIe1&2 (2), AP 5K-10K DMIPS (1)	11.71
Frontier	FCA252	Basic LNE	2.5GigE LAN (1), MoCA2.5 (1)	3.49
eero	Eero Pro6	Advanced LNE	GigE LAN (2), 2.4GHz LP (1), 5GHz LP (2), 5GHz MIMO above 2x2 LP (2), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), AP 5K-10K DMIPS (1)	8.20
eero	Eero Pro6E	Advanced LNE	GigE LAN (1), 2.5GigE LAN (1), 2.4GHz LP (1), 5GHz 160MHz LP (1), 6GHz 160MHz LP (1), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), PCIe1&2 (2), AP 5K-10K DMIPS (1)	8.40
eero	Eero 6	Advanced LNE	GigE LAN (2), 2.4GHz LP (1), 5GHz LP (1), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), AP 5K-10K DMIPS (1)	4.72
eero	Eero 6+	Advanced LNE	GigE LAN (2), 2.4GHz LP (1), 5GHz 160MHz LP (1), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), PCIe1&2 (1), AP 5K-10K DMIPS (1)	4.98
Sagemcom	F@ST5290	IAD MoCA	GigE Backup WAN(1), GigE LAN (2), 2.4GHz HP (1), 2.4GHz MIMO above 2x2 HP (1), 5GHz 160MHz HP (1), 5GHz MIMO 160MHz above 2x2 HP, 6GHz 160MHz HP (1), 6GHz MIMO 160MHz above 2x2 HP (1), 802.11n 256 QAM (1), MoCA (1), FXS (2), USB 3 (1), PCIe GEN 1 & 2 Base (3), PCIe GEN 1&2 Addl Lane (1), AP Addl. Over 10k DMIPS (2)	15.76
Sagemcom	FAST399	Advanced LNE	GigE LAN (2), 2.4GHz HP (1), 2.4GHz MIMO above 2x2 HP (1), 5GHz 160MHz HP (1), 5GHz MIMO 160MHz above 2x2 HP, 6GHz 160MHz HP (1), 6GHz MIMO 160MHz above 2x2 HP (1), 802.11n 256 QAM (1), PCIe GEN 1 & 2 Base (3), PCIe GEN 1&2 Addl Lane (1), AP Addl. Over 10k DMIPS (2)	11.21
eero	Eero PoE6	Advanced LNE	GigE LAN (1), 2.5GigE LAN (1), 2.4GHz LP (1), 5GHz 160MHz LP (1), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), PCIe Gen 1&2 (1), AP 5K-10K DMIPS (1)	6.08
eero	Eero MAX 7	Advanced LNE	2.5GigE Active LAN (1), 2.5GigE LAN (1), 10GigE Active LAN (2), 2.4GHz LP (1), 5GHz 160MHz LP (1), 5GHz MIMO 160 MHz above 2x2 LP (2), 6GHz 160MHz LP (1), 6GHz MIMO 160MHz above 2x2 LP (2), 802.11n 256 QAM (1), USB 2 (1), Bluetooth (1), 802.15.4 (1), PCIe Gen3 (2), PCIe Gen3 Addl (2), AP 5K-10K DMIPS (1), AP Addl. Over 10k DMIPS (10)	22.71

Base Type List

Base Type	Base Type Description
IAD GigE	Integrated Access Device with GigE WAN
IAD VDSL2	Integrated Access Device with VDSL2 (8, 12a, 17a, but not 30a) WAN connection
Basic LNE	LNE other than Advanced LNE (MoCA Adaptor)
Advanced LNE	Local Network Equipment (LNE) that incorporates multi-port routing, wireless access point, and/or VoIP functionality.
IAD MoCA	Integrated Access Device with MoCA WAN

Feature List

Feature	Feature Description
GigE Backup WAN	Gigabit Ethernet WAN
VDSL2 Simul additional WAN	VDSL2 (8, 12a, 17a, but not 30a)
GigE LAN	1 Gigabit Ethernet port
2.5 GigE LAN Active	2.5 Gigabit Ethernet port connected (active link)
2.5 GigE LAN	2.5 Gigabit Ethernet port not connected
10 GigE LAN Active	10 Gigabit Ethernet port connected (active link)
10 GigE LAN	10 Gigabit Ethernet port not connected
2.4 GHz Radio LP	Wi-Fi 2.4 GHz radio with a conducted output power of less than 200 mW per chain up to 2x2
5 GHz Radio (20, 40, 80 MHz) LP	Wi-Fi 5 GHz radio up to 80 MHz channel bandwidth with a conducted output power of less than 200 mW per chain up to 2x2
5 GHz MIMO (20, 40, 80 MHz) above 2x2 LP	Additional allowance per RF chain above 2x2 MIMO at 5 GHz up to 80 MHz channel bandwidth with a conducted output power of less than 200 mW per chain
5 GHz Radio (160 MHz) LP	Wi-Fi 5 GHz radio at 160 MHz channel bandwidth with a conducted output power of less than 200 mW per chain up to 2x2
5 GHz MIMO (160 MHz) above 2x2 LP	Additional allowance per RF chain above 2x2 MIMO at 5 GHz at 160 MHz channel bandwidth with a conducted output power of less than 200 mW per chain
6 GHz Radio (160 MHz) LP	Wi-Fi 6 GHz radio at 160 MHz channel bandwidth with a conducted output power of less than 200 mW per chain up to 2x2
6 GHz MIMO (160 MHz) above 2x2 LP	Additional allowance per RF chain above 2x2 MIMO at 6 GHz at 160 MHz channel bandwidth with a conducted output power of less than 200 mW per chain
2.4 GHz Radio HP	Wi-Fi 2.4 GHz radio with a conducted output power of greater than or equal to 200 mW per chain up to 2x2
2.4 GHz MIMO above 2x2 HP	Additional allowance per RF chain above 2x2 MIMO at 2.4 GHz with a conducted output power of greater than or equal to 200 mW per chain
5 GHz Radio (160 MHz) HP	Wi-Fi 5 GHz radio at 160 MHz channel bandwidth with a conducted output power of greater than or equal to 200 mW per chain up to 2x2
5 GHz MIMO (160 MHz) above 2x2 HP	Additional allowance per RF chain above 2x2 MIMO at 5 GHz at 160 MHz channel bandwidth with a conducted output power of greater than or equal to 200 mW per chain
6 GHz Radio (160 MHz) HP	Wi-Fi 6 GHz radio at 160 MHz channel bandwidth with a conducted output power of greater than or equal to 200 mW per chain up to 2x2
6 GHz MIMO (160 MHz) above 2x2 HP	Additional allowance per RF chain above 2x2 MIMO at 6 GHz at 160 MHz channel bandwidth with a conducted output power of greater than or equal to 200 mW per chain
802.11n 256 QAM	Wi-Fi IEEE 802.11n at 2.4GHz supporting 256-QAM

MoCA	MoCA 1.1/2.0 Single Channel
FXS	FXS
USB 2	USB 2.0 - no load connected
USB 3	USB 3.0 - no load connected
Bluetooth	Bluetooth
802.15.4	802.15.4 for ZigBee, Thread, etc.
PCIe Gen 1 & 2 Base	PCIe Interface Gen 1 & 2 Base (includes first lane)
PCIe Gen 1 & 2 Addl Lane	PCIe Gen 1 & 2 Additional Lane
PCIe Gen 3 Base	PCIe Interface Gen 3 Base (includes first lane)
PCIe Gen 3 Addl Lane	PCIe Gen 3 Additional Lane
AP 5K-10K DMIPS	Application Processor 5K-10K DMIPS
AP Addl. Over 10K DMIPS	Application Processor > 10K DMIPS (for every addl. 5K DMIPS)