Technical Specifications

CLOUD STORAGE

Uploaded data is stored for 1 year and always accessible during the term of storage

ADMIN USER SPECIFICATIONS

Instantaneously add up to 300 users with no additional fees

Create role based access controls for each user

2-Factor authentication Password reset, unlock, and login revoke options

SOFTWARE & HARDWARE SPECIFICATIONS

Hardware:

- i5 or AMD Ryzen 5 CPU or faster
- 16 GB memory or higher
- Minimum LAN speed 100 MbE

Operating System:

- Windows 10 or later

Display:

- 24-inch or 27-inch display recommended
- 1080P (Full HD) resolution

Web Browser:

- Chrome 10.0.0 or later, Chromium browsers

NeuroMatch®

Note: The content of the NeuroMatch technical and clinical user specifications are subject to change without notice.

Clinical User Specifications

EEG File Type Compatibility:	EDF+C and eeghdf file types
EEG Inputs Utilized:	International 10-20 System, scalp-based inputs. (Fp1, Fp2, F7, F3, F4, F8, T3, C3, C4, T4, T5, C3, C4, T4, T5, P3, P4, T6, O1, O2)
Montage Defaults:	Recorded, Referential (Avg19), Bp Longitudinal, Bp Transverse, Custom Montage
Sensitivity Settings:	2, 4, 7, 15, 30, 60, 120, 250, 500, 1000 uV/mm
High Filter Settings:	Off, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 Hz
Low Filter Settings:	Off, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 Hz
Time Constant:	1.59, 0.53, 0.32, 0.16, 0.11, 0.08, 0.06, 0.05, 0.04, 0.02 seconds
Notch Filter Settings:	Off, 50, 60 Hz
Artifact Reduction:	On/Off
Timescale mm/sec:	2, 4, 7.5, 15, 30, 60, 120, 240
Paging Speed pg./sec:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Trend Duration Options:	10, 30, 60 minutes, 1, 3, 6, 12, and 24 hours
Maximum Number of Trends Displayed:	24
AI Modules:	Artifact Reduction Spike and Seizure Detection 3D modeling
Trending Options:	Artifact Strength trend Auto Spectrogram trend (options for whole, left, right brain, or individual 10-20 input) FFT trend (options for whole, left, right brain, or individual 10-20 input) Asymmetry Spectrogram trend aEEG trend (right/left) Seizure Probability trend
2D and 3D Modeling:	2D EEG amplitude modeling 3D brain model visualizations with 4D playback
Integrated Report Generator:	Multi user report generation features