



The **Fusion double-sided neural probe** is a cutting-edge solution designed to meet the needs of advanced neuroscience research and applications. By integrating electrodes on both sides of a silicon substrate, the Fusion offers unparalleled versatility and precision in neural interfacing, enabling researchers to capture and stimulate neural activity with unprecedented accuracy.

Acute (stiff)



Chronic (flexible)



Specifications

Channel Count	32, 64, 128
Site Layout	Linear/Poly
Electrode Thickness	30 μ m / 100 μ m
Electrode Site Material	Standard: Ir Custom: Z-coat
Shanks	Quantity: 1-8 Length: 3-10 mm

Advantages

- Enhanced 360° Coverage
- Twice the active sites
- Richer data, fewer animals
- Fits every analysis workflow
- Trusted vendor - proven by 5,000+ publications
- Customizable and available in over 100 existing probe designs

System Requirements

- NeuroNexus XDAQ/Smartbox Pro Systems
- Open-Ephys DAQ System
- Intan DAQ System
- Or most other DAQ systems

Probe Package Options

- Cable or no cable (chronic and acute)
- Chronic cable length: 30 mm
- Compatible with implantable microdrives
- Compatible with NNx insertion assist devices

F-SERIES PACKAGES

F32



FH32



F32W



F64



FH64



F128



FH128



F128W

