



# **Neuron NPB1616S Feature list**

**Version 2.8.14**

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√ = available today

32 paths	√
32 Frame synchronizers	√
16 De-embedders	√
16 Embedders	√
32 Video listeners	√
16 normal Video talkers & 16 replicated (ST2022-7 compliant)	√
32 audio listeners	√
16 normal audio talkers & 16 replicated (ST2022-7 compliant)	√
Back-up switch on Carrier detect	√
Fast switch	√
512 channel audio matrix	√
Audio delay (100 ms/stream)	√
2160p50/59,94Hz four-wire SQD	√
1080p50/59,94Hz	√
1080i50/59,94Hz	√
720p50/59,94Hz	√
SD525	√
SD625	√
2160p50/59,94Hz four-wire SQD	√
1080p50/59,94Hz	√
1080i50/59,94Hz	√
720p50/59,94Hz	√
4x SFP28 - 4x25G	√
ST2110-20	√
ST2110-30	√
ST2022-6	√
DNS	√
IGMPV2	√
IGMPV3	√
LLDP	√
DHCP	√
NMOS IS-04	√
NMOS IS-05	√
SDP	√
802.1as	√
ST2059-2	√
Reed Solomon/FireCode FEC	√
ACPv2	√
SDI option board (Opt_SDI40)	√



Audio gain, phase, delay and Mono shuffling (Opt\_PR512)

✓

16 Color correctors/proc amp (Opt\_16CC)

2x