## 1 Logic Gates

Logic gates perform logical operations that take binary input (0s and 1s) and produce a single binary output. They are used in most electronic devices including:

Table 1: Logic Gates

| 18 1 2 1 1 1 |  |                |
|--------------|--|----------------|
| Smartphones  | Tablets  | Memory Devices |
| (D.35)       | The second secon |                |