

IoT Device Purchase Checklist

What problem does it solve? What pain does it relieve?
Connection
Is a connection to the internet required in order for the device to operate?
If not, how easy is it to remove the connection?
Security
Is data encrypted?
Does this device require authentication to gain access?
Are there unsecured debug (or other) ports?
Are over-the-air updates provided?
Are those managed securely?
Does the device have its own unique key?
Privacy
Who owns data?
Do you (or will you) sell the data?
To whom will the data be sold?
If I own the data, how can I access it?
Do you comply with GDPR?
Have you self-certified with Privacy Shield?
Service
Do I own the device?
How is support handled?
I'm on my own We repair for free during warranty We charge for repairs
Under what circumstances can my usage be cut off?
What is the benefit to me of the service and charge?
Ease of use
How is on-boarding done?
Can updates be rolled back if they fail?