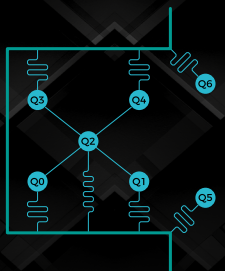


# Soprano-D

## 4-QUBIT OR 5-QUBIT QPU

Build quantum computers with great performance, at a fraction of the cost



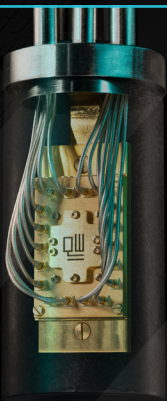
- ▶ Dedicated drive and flux lines for each qubit
- ▶ QuantWare's Hamiltonian parameter design
- ▶ Soprano-D starting at 60k Euro

### Dimensions



45 x 67 x 11 mm

### Shielding



75 x 75 x 222 mm

## SOPRANO-D1

4 interconnected and fully controllable qubits

Up to 2 isolated qubits

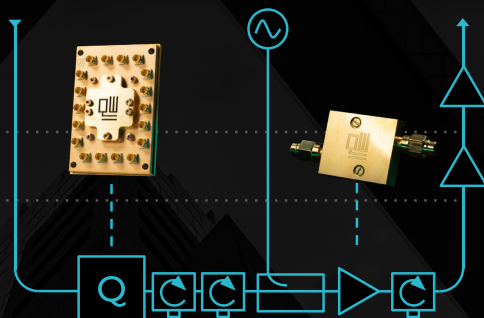
## SOPRANO-D2

5 interconnected and fully controllable qubits

Up to 2 isolated qubits

## Reliable quantum hardware with short delivery times

- ▶ Readout fidelity of 97.5%, fully multiplexed, when used with *Crescendo-S*
- ▶ Pre-delivery cryogenic characterisation, expert support on installation and use
- ▶ Ease of procurement, with short lead times



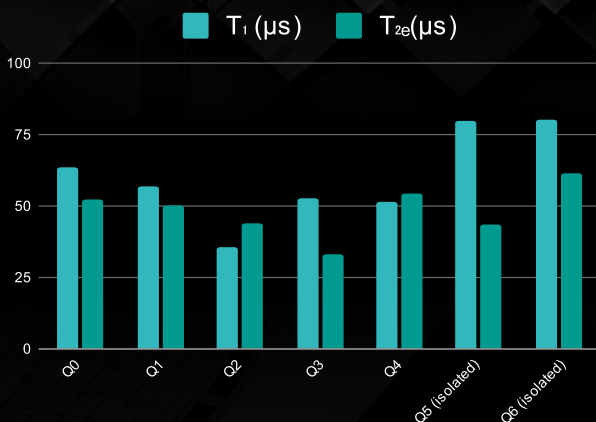
# Soprano-D

4-QUBIT OR 5-QUBIT QPU

Qubit performance at the state of the art

Reference device in  
QuantWare's setup

$T_1(\mu s)$	$T_{2R}(\mu s)$	$T_{2E}(\mu s)$	1Q F	2Q F	RO F
60	40	48	99.9%	99.7%	97.5%



Typical and guaranteed  
performance

	Typical setup	Minimal performance
$T_1(\mu s)$	40	>10



QUANTWARE

WWW.QUANTWARE.COM