

IMechE ADS-DV InCarPC Specification

Version	Notes
2025 V1	Initial creation of document.

Part Number: CQ77G-32-W10P13

- Intel Core i7-8700T up to 4.0GHz
- NVIDIA GeForce GTX 1060 Ti GPU supporting 1280 CUDA cores
- 32GB DDR4 RAM
- Removable 2.5" SATA SSD caddy
- PEAK-System CAN interface (SocketCAN compatible)
- 4x USB 3.0 ports
- 2x GbE LAN ports
- 4x HDMI + 3x DisplayPort
- 2.4 & 5 GHz 802.11ac WLAN & Bluetooth v4.0 module

Rear View



Front View



Manufacturer Part Number



Build Description

Item Code	Description
.CQ77GC	CQ77G Vehicle PC Base Platform - Intel Core i7-8700T up to 4.0 GHz - NVIDIA GeForce GTX 1060 GPU - RAM & SSD specified below - 2-year warranty (Price Band C)
.E3204C	32 GB Standard Temperature RAM for CQ70 (Price Band C)
.GBW10NC	Internal 2.4 & 5 GHz 802.11ac WLAN & Bluetooth v4.0 module occupying Mini PCIe slot for N/V/CQ-family PCs (Price Band C)
.GGP13B	Dual channel galvanically isolated CAN interface (Advanced / PCIe signalling) occupying Mini PCIe slot, including API (Price Band B)
ZPUK24	Postage & Packaging - UPS mainland next day (excluding system build time if applicable)