

COMBox-V8

x86 Family



Fanless industrial BoxPC with 8th Generation Intel® Core™ Processor.

HIGHLIGHTS

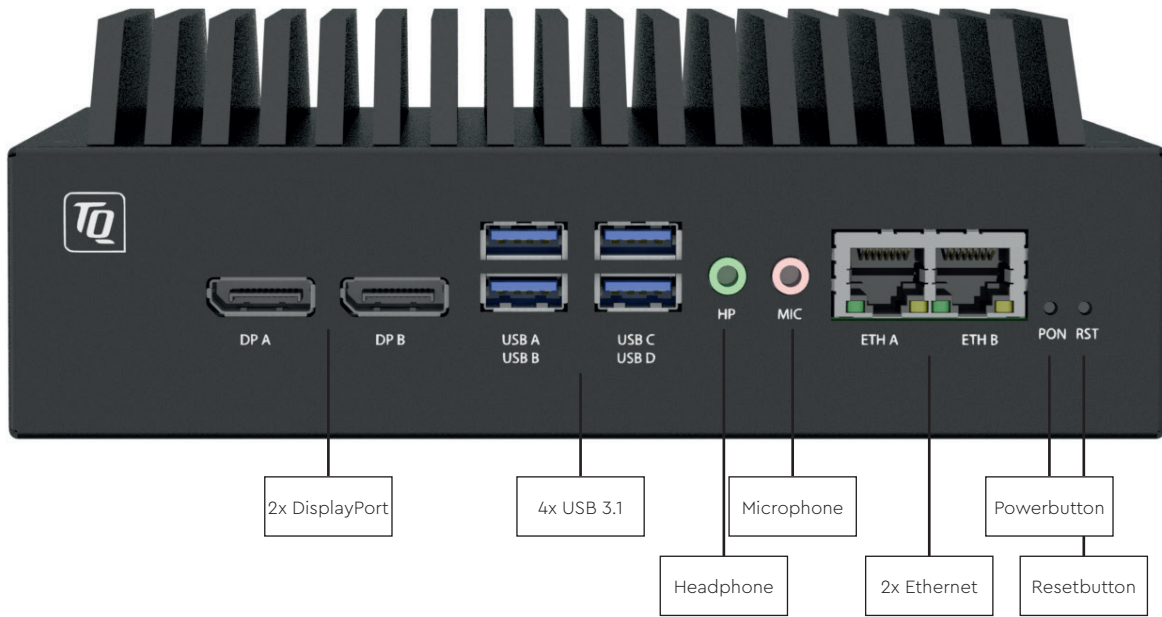
- ▶ High End Embedded Computing with up to Quad Core 4.4 GHz / 8 MB cache
- ▶ Fast DDR4-2400 Dual-Channel Memory up to 64 GByte
- ▶ High-Speed IO like 2x GBit ETH, 4x USB3.1 Gen 2 (10 GBit/s)
- ▶ Two independent high resolution display outputs
- ▶ Individual mass storage configurations with M.2 NVMe and 2.5" SSD
- ▶ Prepared for Wireless Communication
- ▶ Highly customizable sheet metal chassis
- ▶ Individual configurations and ODM branding

TECHNICAL SPECIFICATION

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|--|--|
| CPU | Intel® Core™ mobile processors Core™ i7-8565UE (4x 1.7 / 4.4 GHz, 8 M, 15 W) Core™ i5-8365UE (4x 1.6 / 4.1 GHz, 6 M, 15 W) |
| Memory | Dual Channel DDR4-2400 8 GByte, 16 GByte, 32 GByte, 64 GByte, non-ECC |
| Graphics interfaces | 2x DisplayPort (DP++) with up to 4K @ 60 Hz resolution |
| Interfaces | 2x Gbit Ethernet (Intel® i210/i219) 4x USB USB3.1 Gen 2 (10 GBit/s) (Type-A connectors) Audio 2x 3.5 mm (headphone out, microphone in) |
| Internal mass storage and extension sockets | 1x Mini PCIe socket (PCIe and USB) 1x M.2 2230 Key E socket (PCIe and USB) 1x M.2 2280 Key M socket (PCIe x4) for NVMe SSD modules 1x 2.5" HDD/SSD socket (mounting kit separately available) |

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|--------------------------------|---|
| Security components | TPM 2.0 (SLB9665) (option) |
| Power supply | Voltage: 12 V DC Connector type: Phoenix MSTBA2,5/2-G-5,08 Power: typ. 20 W/max. 80 W Battery: CR2032 (replaceable) |
| Environment | Passive cooled (no fan) Standard temperature: 0°C...+50°C Relative Humidity: 10%...90% (not condensing) IP20 |
| Form factor/ dimensions | 190 mm x 174 mm x 68 mm |
| Mounting options | Desktop, VESA100, DIN rail/wall mount adapter kit separately available |
| Operating systems | Windows 10 (64 Bit, Standard and Embedded/IoT) Linux (e.g. Ubuntu) Others on request Custom specific software images can be pre-installed. |

IO CONNECTORS COMBOX-V8



ORDERING INFORMATION

COMBox-V8-AA

Intel® Core™ i7-8565UE (4x 1.7 / 4.4 GHz, 8 M, 15 W), 16 GB DDR4, 32 GB eMMC, free slots for mass storage/IO/wireless, no TPM, no OS

COMBox-V8-AB

Intel® Core™ i5-8365UE (4x 1.6 / 4.1 GHz, 6 M, 15 W), 16 GB DDR4, 32 GB eMMC, free slots for mass storage/IO/wireless, no TPM, no OS

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