

QDSP-2030

Compact-Size Box PC with Intel® Core™2 Duo Processor



- Compact size design with full I/O features
- 3.5" embedded SBC
Intel® Core 2 Duo Processor (Penryn)
Intel® GM45/ICH9-M chipset, 1x SO-DIMM DDR3 800/1066
- HDMI, DVI, USB 2.0, GbE
- SATA HDD, CF, COM, HD Audio
- Heavy-duty steel chassis with System Fan

Product Overview

The QDSP-2030 is a compact size Box PC ideal for space critical applications. This embedded hardware platform is based on a 3.5" industrial SBC with Intel® 45 nm Core™2 Duo Processor, Intel® GM45/ICH9-M chipset, and DDR3 800/1066 SO-DIMM. Featured are a 2.5" SATA hard drive bay, Internal Compact Flash Type II slot, HDMI, DVI, USB 2.0, COM, and HD Audio.

The QDSP-2030 provides high reliability for harsh environments, compact size, high performance and is highly suited to a wide range of industrial applications such as Digital Signage, Gaming, Transportation, Surveillance, and Thin Servers.

Technical Information

| Construction | |
|---|--|
| Aluminum front panel, heavy-duty steel chassis | |
| System Board | |
| 3.5" Embedded , Intel® GM45/ICH9-M chipset | |
| CPU Support | |
| Intel® Core™2 Duo Processor T9400 (6M Cache, 2.53 GHz, 1066 MHz FSB) Intel® Celeron® Processor 575 (1M Cache, 2.00 GHz, 667 MHz FSB) | |
| Memory | |
| 1x SO-DIMM DDR3 800/1066 up to 2GB | |
| I/O Panel | |
| Front I/O panel | |
| 1x Power LED | |
| 1x HDD Active LED | |
| 2x USB 2.0 | |
| 1x Power Switch Button | |
| 2x R/L Channel Speaker Output RCA Connector | |
| 1x Line-Out Audio Jack | |
| 1x Line-In Audio Jack | |
| 1x MIC-In Audio Jack | |
| 1x Side Surround Output Audio Jack | |
| 1x CEN/LFE Output Audio Jack | |
| 1x Back Surround Output Audio Jack | |
| Rear I/O panel | |
| 1x HDMI | |
| 1x DVI | |
| 1x COM (RS-232/422/485) | |
| 1x 10/100/1000 LAN port (RJ45) | |
| 2x USB ports | |
| HD Audio | |
| DC-12V IN | |
| Antenna Connector (Optional) | |

| Drive Bays | |
|---|--|
| 1x 2.5" Hard Drive Bay (SATA) | |
| Expansion | |
| 1x Internal CompactFlash Type II Slot | |
| WLAN | |
| IEEE 802.11b/g (optional) | |
| Power Supply | |
| Input: 100-240 VAC Output: 80W, +12VDC, 6.67A max | |
| Cooling | |
| System Fan | |
| Shock | |
| Operating: 10 g / 11ms; Storage: 30 g / 11ms (half-sine) | |
| Vibration | |
| Operating (IEC 68-2-64 Fh): 5-500Hz, 1 g (rms) / 3-axes Storage (IEC 68-2-6 Fc): 5-500Hz, 2 g (rms) / 3-axes | |
| Temperature / Humidity | |
| Operating: 0°C to 45°C, 0%-90%, non-condensing Storage: -20°C to 80°C, 0%-90%, non-condensing | |
| Dimensions | |
| 227 x 44 x 210 mm (WxHxD) | |
| Weight | |
| 1.5 kg | |
| Mounting | |
| Wall-mount, VESA 75/100 Standard | |
| Certifications | |
| CE, FCC Class A | |

Ordering Information

| Article | Description |
|-----------|--|
| QDSP-2030 | Embedded Box PC with Intel® Core 2 Duo, DDR3 SO-DIMM, 2.5" 160GB HDD, AC Adapter |

