

# Industrial Computing Products and Services

Panel PC's



Industrial PC's



Electronic Design



SBC's



Industrial Displays



## Why Choose DSL?

- ✓ Lifetime technical support
- ✓ Fully customisable products
- ✓ Product branding (bezel colours + logos)
- ✓ Free pre-installation of OS and software

## Our Services

- ✓ Electronic Design
- ✓ Production Management
- ✓ Assembly and test
- ✓ Bespoke BIOS creation



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## Features

- Fanless Design
- Full HD Panel PC
- Front Panel IP65
- LED Backlight
- 9~32V DC Wide Range Power Input

## Specifications

### System

|                    |                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor          | Intel Socket P Processor support up to Intel P8600 2.4GHz Processor, default Intel P8400 2.26GHz                                                                                                                                                                                                                                                |
| System Memory      | 2 x 204 Pin DDR3 SO-DIMM, up to 8 GB SDRAM                                                                                                                                                                                                                                                                                                      |
| System Chipset     | Intel GM45 + Intel9M                                                                                                                                                                                                                                                                                                                            |
| External I/O Port  | 4 x USB 2.0 connectors<br>2 x GbE LAN connectors<br>1 x VGA<br>2 x RS-232 (COM1/2)<br>1 x terminal block for additional power switch<br>2 x LED light for power and HDD indication<br>1 x Audio line out/ MIC in<br>1 x DB-9 RS-422/485, default RS-485 (COM3)<br>1 x Rocker Switch for Power ON/OFF<br>1 x 3 Pin DC Power input terminal block |
| Storage            | 1 x 2.5" SATA HDD<br>1 x Internal CF Slot for option                                                                                                                                                                                                                                                                                            |
| Expansion Slots    | 1 x PCI / 1 x PCIe x1 for option                                                                                                                                                                                                                                                                                                                |
| Power Input        | 9~32V DC                                                                                                                                                                                                                                                                                                                                        |
| Touch Screen       | Resistive Touch Screen (option)                                                                                                                                                                                                                                                                                                                 |
| Light Transmission | 80%                                                                                                                                                                                                                                                                                                                                             |
| OS Support         | Windows XP Professional, XP Embedded, Windows Embedded Standard 7                                                                                                                                                                                                                                                                               |

### LCD

|                                |                 |
|--------------------------------|-----------------|
| Display Type                   | 21.5" TFT-LCD   |
| Max. Resolution                | 1920x1080       |
| Max. Color                     | 16.7M           |
| Luminance (cd/m <sup>2</sup> ) | 400             |
| View Angle                     | H:170° / V:160° |
| Backlight Lifetime             | 30,000 hrs      |

### Mechanical

|              |                              |
|--------------|------------------------------|
| Construction | Steel                        |
| IP Rating    | Front Panel IP65             |
| Mounting     | Panel / VESA 100 x 100 Mount |
| Dimension    | 537x342x99                   |
| Net Weight   | 11.5kgs                      |

### Environmental

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | -10~50 °C                    |
| Storage Temperature   | -20~60 °C                    |
| Storage Humidity      | 10~90% @40 °C non-condensing |
| Certificate           | CE/FCC Class A               |

## Dimension

