

Why choose DSL?

- Over 25 Years Industry Experience
- 5 Years Warranty on all Products
- Evaluation Products Available
- Lifetime Technical Support

Our Services

- Electronic Design
- Production Management
- Assembly and Test
- Bespoke BIOS Creation
- Industrial Embedded PC Solutions



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Features

- 19" TFT LED Backlight LCD
- 4th Generation Intel Core i7/i5/i3 Panel PC
- Intel Q87
- 2 x DDR3 1066/1333/1600MHz SO-DIMM, up to 16GB System Memory
- Fanless Design
- Support 1 x PCIe x16
- Wide range DC 11~32V Power Input
- IP65 Compliant Front Panel

Specifications

System

| | |
|----------------|---|
| Processor | Socket LGA 1150, 4th Gen. Intel Core i7/i5/i3 Intel Core i7-4770TE 2.3G 8M(TDP: 45W) Intel Core i5-4570TE 2.7G 4M(TDP: 35W) Intel Core i3-4330TE 2.4G 4M(TDP: 35W) |
| System Chipset | Intel Q87 |
| System Memory | 2 x 204-pin DDR3 SO-DIMM, up to 16GB 1066/1333/1600MHz |

External I/O

| | |
|-----------------|--|
| USB | 4 x USB 3.0 Type A 2 x USB 2.0 Type A by cable (option) |
| Serial/Parallel | 3 x RS-232/422/485 DB-9, COM1, COM2, and COM3, Default RS-232 |
| Audio | 1 x Mic-in, Line-out |
| LAN | 2 x GbE RJ-45 |
| VGA | 1 x VGA |
| Power | 1 x DC Power 3-pin Terminal Block Connector 1 x Rocker Switch for Power on/off |
| Others | 2 x LED Indication for Power and HDD 1 x 8-pin Terminal Block 3 in/3 out/VCC/GND (option) 1 x CF Slot (option) |

Expansion

| | |
|----------------|--|
| Expansion Slot | 1 x PCIe x16 slot 1 x mSATA or 1 x Mini-PCIe slot for WIFI/BT/3G/GPS (option) |
|----------------|--|

Storage Space

| | |
|---------|--|
| Storage | 2 x 2.5" SATA HDD Space, Easy Accessible, RAID 0.1 |
|---------|--|

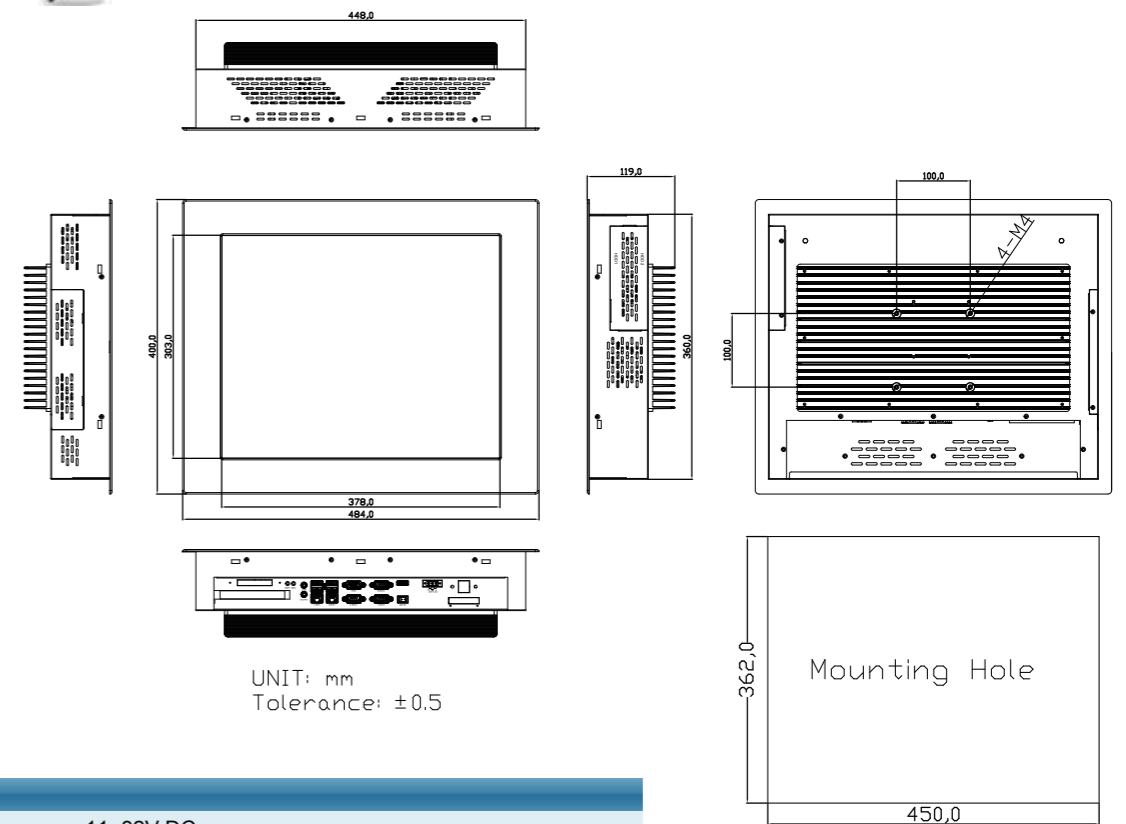
LCD

| | |
|--------------------------------|-------------------|
| Display Type | 19" color TFT LCD |
| Max. Resolution | 1280 x 1024 |
| Max. Color | 16.7M |
| Contrast Ratio | 1000:1 |
| Luminance (cd/m ²) | 350 |
| View Angle | 170 (H) / 160 (V) |
| Backlight Lifetime | 50,000 hrs |

Touch Screen

| | |
|------------------------|---|
| Type | Resistive Touch Screen/Projective Capacitive Touch Screen |
| Interface | USB |
| Light transmission (%) | Over 80%(Resistive) Over 90%(Projected Capacitive) |

Dimensions



Power

| | |
|-------------------|------------|
| Power input | 11~32V DC |
| Power Consumption | MAX: 51.2W |

Mechanical

| | |
|-------------|--|
| Front Bezel | Steel Black or Aluminum with Resistive Touch Aluminum with Projected Capacitive Touch (only Flat Bezel Designed) |
| Rear Bezel | Steel Black |
| Mounting | Panel mount/VESA Mount 100 x 100 |
| IP Rating | IP65 Compliant Front Panel |
| Dimension | 484 x 400 x 119 mm |
| Net Weight | 12.9Kg |

Environmental

| | |
|---------------------------|-----------------------------------|
| Operating temperature(°C) | 0~50°C |
| Storage temperature(°C) | -30~70°C |
| Storage humidity | 10 to 90% @ 40°C, non- condensing |
| Certificate | CE / FCC Class A |

Operating System Support

Windows 7 Professional for Embedded Systems
Windows 7 Ultimate for Embedded Systems
Windows Embedded 8.1 Pro
Windows Embedded 8.1 Industry Pro

Ordering information

| | |
|-----------------------|---|
| APC-3919AT (Barebone) | 19" SXGA Intel Core i processor comes with Intel Q87 chipset, fanless design panel PC, (w/o CPU/RAM/HDD), 1 x PCIe x16 slot, resistive touch, 11~32VDC power input with adaptor, black steel enclosure. |
| APC-3919AT-01 | 19" SXGA Intel 4th Core i5-4570TE 2.70G processor comes with Intel Q87 chipset, fanless design panel PC, 4GB DDR3 memory, 320GB SATA 2 HDD, 1 x PCIe x16 slot, resistive touch, 11~32VDC power input with adaptor, black steel enclosure. |