

Features

- 15" LED Backlight TFT LCD
- Intel Atom D2550 Low Power Consumption Processor
- On Board 2G DDR3, 4G for Option
- 316 Stainless Steel Enclosure
- 5 Wire Resistive Touch
- IP65 Dustproof and Waterproof
- Wide Range DC 11~32V Power input
- ATEX95n (II 3 G Ex nA IIC T4 Gc) / EN60079-15 Certified

Specifications

Hardware

| | |
|-----------------------|--|
| Processor | Intel Atom Processor D2550 (1M Cache, 1.8GHz) |
| System Chipset | Intel NM10 Express |
| System Memory | Onboard 2GB DDR3 800 MHz, 4GB for option |
| Outside I/O Port | 1 x M12 8pin for 2 x USB2.0 1 x M12 8pin for GbE LAN 1 x M12 8pin for RS-232 (COM2) 1 x M12 8pin for RS-232/422/485 (COM1, default RS-232) 1 x M12 3pin DC Power Input |
| Storage | 1 x 2.5" SATA2 HDD or SSD 1 x Internal SD slot |
| Onboard Expansion bus | 1 x Mini PCIe half size |
| Expansion slot | NA |

Display

| | |
|--------------------------------|-------------------|
| Display Type | 15" Color TFT-LCD |
| Max. Resolution | 1024 x 768 |
| Max. Color | 16.7M |
| Luminance (cd/m ²) | 400 |
| View Angle | 160/140 |
| Contrast | 700:1 |
| Backlight Lifetime | 50,000 hrs |

Touch Screen

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|------------------------|-----------------------------|
| Type | Resistive Touch Screen Type |
| Interface | RS-232 interface |
| Light transmission (%) | Over 80% |

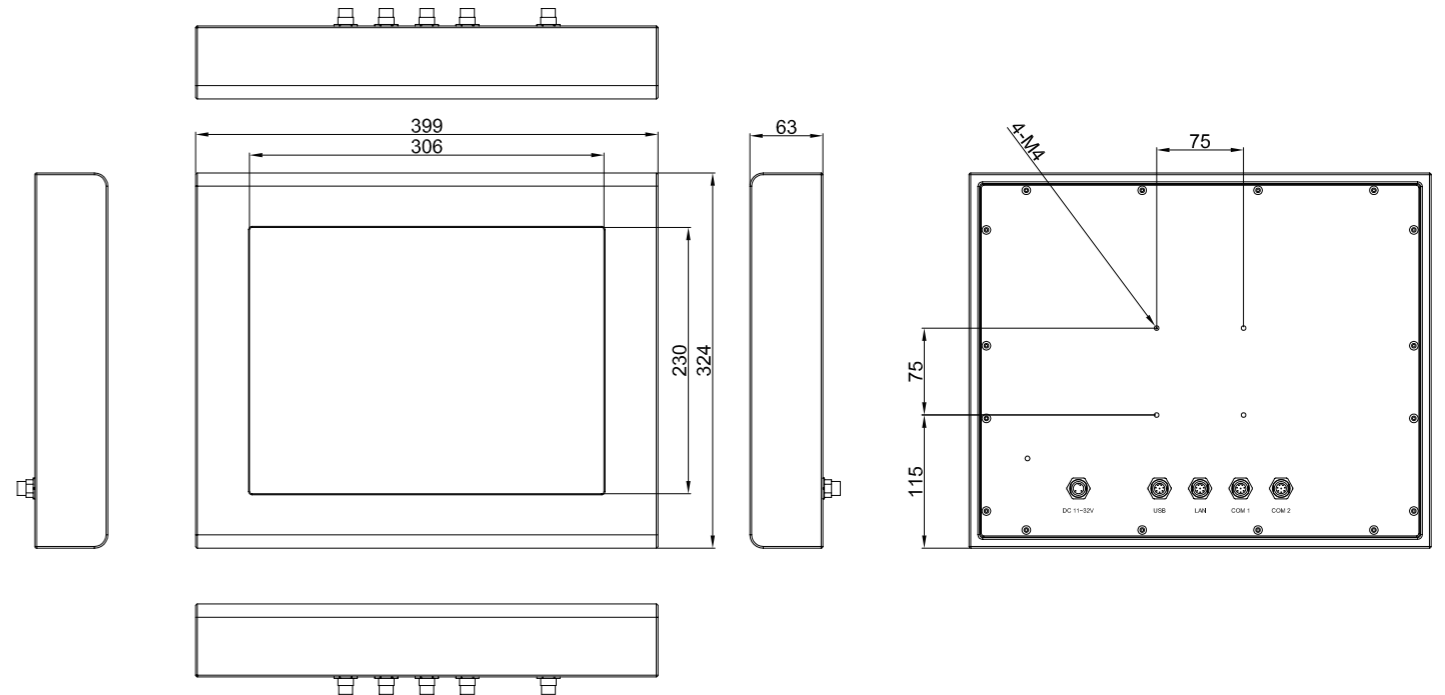
Power

| | |
|-------------------|-----------|
| Power input | 11~32V DC |
| Power Consumption | 24.3W |

Mechanical

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|------------------|---------------------|
| Construction | 316 Stainless Steel |
| IP Rating | Total IP65 |
| Mounting | VESA 75 x 75 |
| Dimension (mm) | 399 x 324 x 63 mm |
| Net Weight (Kgs) | 6.9 kgs |

Dimensions



Environmental

| | |
|---------------------------|--|
| Operating temperature(°C) | -20~50°C (optional -20~60°C) |
| Storage temperature(°C) | -30~70°C |
| Storage humidity | 10 to 90% @40°C, non-condensing |
| Certification | CE / FCC Class A / ATEX95-n / EN60079-15 |

Operating System Support

Windows 7 Professional for Embedded Systems
 Windows 7 Ultimate for Embedded Systems
 Windows Embedded 8 Standard
 Windows Embedded 8.1 Pro
 Windows Embedded 8.1 Industry Pro

Ordering information

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|-------------|---|
| AEx-P526-01 | 15" XGA IP65 Intel Atom D2550 1.8G CPU fan less panel PC, 2GB DDR3 memory, 32G SSD, resistive touch, DC 11~32V power input, 316 stainless steel enclosure |
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