

Xedge15 Tech-Note

15.6" Industrial PC, Intel Atom® x6000E Series Dual or Quad Core up to 1.9 GHz

- 15.6" TFT color display, resolution 1920x1080 pixel, 16.7M colors. Dimmable LED backlight
- Projected capacitive multitouch screen
- Operating Temperature -20°C to +55°C
- Protection grade IP66 Front / IP20 Rear
- 2 Display ports
- 2 Ethernet 1.0 GbE
- 2 Ethernet 2.5 GbE
- 2 USB ports 3.1 gen. 1
- 2 USB ports 2.0
- 2 Expansion slot for plug-in modules
- JMobile Runtime (Optional)
- Linux or Windows operating system (Optional)



The images shown are for illustration purposes only and is not an exact representation of the product.

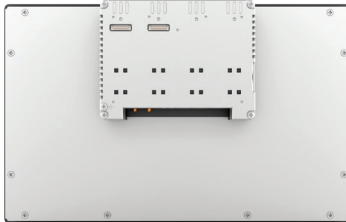
Highlights

The Xedge 15 is an all-in-one panel PC that combines a high-resolution display with integrated computing capabilities. Designed for user interaction, this model is ideal for environments where operators require immediate access to data and control functions.

Key features include:

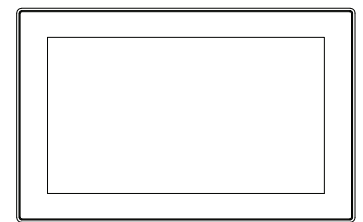
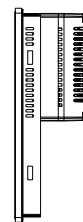
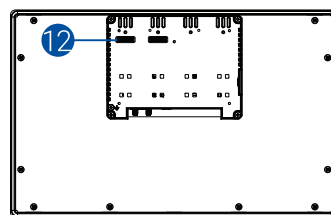
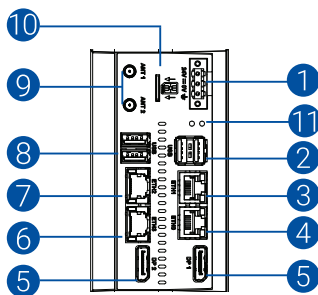
- **Interactive Display:** Features a 15.6" FHD screen with multitouch capability, enhancing user engagement and ease of use.
- **Integrated Computing Power:** Combines display and processing in a single unit, minimizing the need for separate components.
- **Robust Environmental Protection:** With an IP66 rating, it is well-suited for operation in environments where exposure to dust and moisture is a concern.
- **Comprehensive Interfaces Options:** Includes multiple USB ports and Ethernet connections for seamless integration into existing networks.
- **Expandable Storage:** Supports M.2 SATA SSD for flexible data storage solutions.

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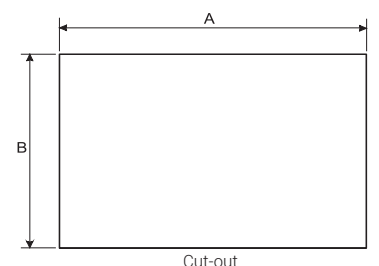


| System Resources | |
|------------------------------|---|
| Display | 15.6" TFT - 16M colors |
| Resolution | 1920x1080, FHD |
| Brightness | 350 cd/m² typ. |
| Dimming | Yes |
| Touchscreen | PCAP, Multitouch |
| CPU | Intel x6000E Series, up to 1.9 GHz |
| Operating System | None, Windows, Linux RT |
| Flash Storage | 64 GB eMMC |
| RAM | LPDDR4x up to 16GB |
| FRAM | 64 KB |
| Real time Clock, RTC Back-up | Yes, VL2330 Lithium battery |
| Buzzer | Yes |
| Leds | 2 bi-colors |
| Security | TPM 2.0 |
| Interface | |
| Display I/O | 2 Display port 1.2 |
| Ethernet port | 2 1.0 GbE, 2 2.5 GbE |
| USB port | 2 USB 3.1 gen.1, 2 USB 2.0 |
| Storage | Up to 1 TB M.2 SATA SSD |
| Wi-Fi | 1 Wi-Fi 6 (optional) |
| Cellular | 1 LTE (optional) |
| Expansion | 2 slots (hw-ready for standard plug-in modules) |
| Ratings | |
| Power supply | 24 Vdc (10 to 32 Vdc) |
| Current Consumption | 3.7 A max. with expansion modules (full load), Class 2 |
| Input protection | Anti-inversion, Overvoltage, Resettable Fuse |
| Environment Conditions | |
| Operating Temperature | -20°C to +55°C (vertical mounting) |
| Storage Temperature | -20°C to +70°C |
| Operating/Storage Humidity | 5-85% RH, non condensing |
| Protection class | IP20 |
| Dimensions and Weights | |
| Faceplate LxH | 422x267 mm (16.61"x10.51") |
| Cut-out | 411x256mm (16.18"x10.08") |
| Depth D+T | 84.5+8.5 mm (3.33"+0.33") |
| Weight | 4.8 kg |
| Approvals | |
| CE | Radio Equipment Directive 2014/53/EU (RED) |
| FCC | FCC Part 15 Subpart B Class A / FCC Part 15 Subpart C Class A |
| IC | ICES-003 ISSUE 7 CLASS A / IC RSS-247 Issue 3 and RSS-Gen Issue 5 |
| UL | UL61010-1 / UL61010-2-201 |

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|-----------------------|--|
| 1. Power supply | 8. USB ports 2.0 |
| 2. USB ports 3.1 | 9. Wi-Fi/Cellular antenna (Optional) |
| 3. Ethernet 1 1.0 GbE | 10. Micro SIM slot (Optional) |
| 4. Ethernet 0 1.0 GbE | 11. LED Indicators - Device status |
| 5. Display ports | 12. Expansion slot for plug-in modules |
| 6. Ethernet 2 2.5 GbE | |
| 7. Ethernet 3 2.5 GbE | |



Ordering Information

| Model | Part Number | Description |
|---------|------------------------------------|--|
| Xedge15 | Choose your device | 15.6" Industrial PC, Intel Atom® x6000E Series Dual or Quad Core up to 1.9 GHz |