

Xedge Expanded - Tech Note

Industrial PC, Intel Atom® x6000E Series Dual or Quad Core up to 1.9 GHz, DIN or wall mounting

- 2 Ethernet 1.0 GbE
- 2 Ethernet 2.5 GbE
- 2 USB 3.1 gen.1
- 2 USB 2.0
- 2 Display ports
- Protection grade IP20
- Operating Temperature -20°C to +55°C
- 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.*

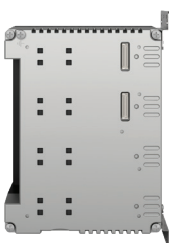
Highlights

The Xedge Expanded is a versatile industrial PC tailored for applications requiring advanced processing and connectivity. This model features a larger form factor that allows for additional ports and optional components, making it ideal for complex automation tasks where high-performance computing is essential.

Key features include:

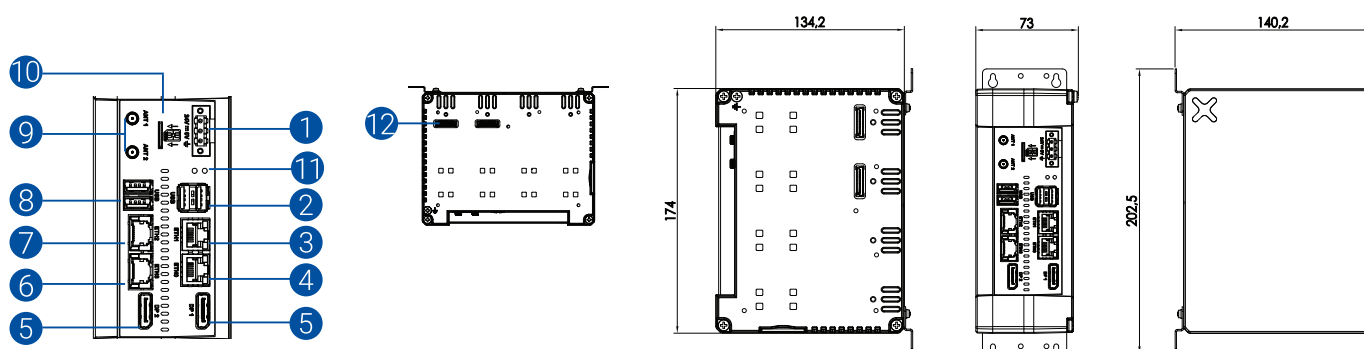
- **Enhanced Connectivity Options:** Offers multiple USB ports and dual Ethernet interfaces (1.0 and 2.5 Gbps) to support high-bandwidth applications.
- **Higher Processing Power:** Supports Intel Atom processors with greater RAM capacity for handling demanding workloads.
- **Flexible Mounting Options:** Designed for both wall and din-rail mounting, providing installation flexibility in various environments.
- **Robust Operating Range:** Operates efficiently in temperatures from -20°C to +55°C, ensuring reliability in diverse settings.

Xedge Expanded Technical Data



System Resources	
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	2.5 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	140.2x202.5 mm (5.52"x7.97")
Depth C	73 mm (2.87")
Weight	1.4Kg
Mounting Type	Wall mouting / DIN rail TS35 (optional)
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
2. USB ports 3.1
3. Ethernet 1 1.0 GbE
4. Ethernet 0 1.0 GbE
5. Display ports
6. Ethernet 2 2.5 GbE
7. Ethernet 3 2.5 GbE
8. USB ports 2.0
9. Wi-Fi/Cellular antenna (Optional)
10. Micro SIM slot (Optional)
11. LED Indicators - Device status
12. Expansion slot for plug-in modules

Ordering Information

Model	Part Number	Description
Xedge Expanded	Choose your device	Industrial PC, Intel Atom® x6000E Series, Dual or Quad Core up to 1.9 GHz, DIN or wall mounting