

Specification

Key Features

- 1. Processor Series: Intel Core i3/i5:** These are mid-range processors suitable for a variety of computing tasks. **Generations:** 12th, 13th, Generation Embedded processors, with each generation offering incremental improvements in performance, power efficiency, and integrated graphics.
- 2. Embedded Processor: Embedded Versions:** These processors are designed to be embedded in specific devices, often with optimizations for power efficiency and size. **Power Consumption:** Embedded processors generally consume less power, making them suitable for applications where energy efficiency is crucial.
- 3. Physical Features: 80 PIN Configuration:** This likely refers to the physical interface or socket type used by the processor, which could be designed for specific embedded applications.
- 4. Operating System Support: Multiple OS Support:** These processors are likely to support a wide range of operating systems, making them versatile for different applications.
- 5. Environmental Considerations: Indian Environment Friendly:** This could imply that the processor and its supporting hardware are designed to function efficiently in diverse Indian environmental conditions, such as high temperatures, humidity, or other challenging conditions. It might also suggest compliance with environmental standards.



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Tech Specs

Processor	Core i3 / i5 12th & 13th generation
Graphics	Intel UHD Graphics
Memory	4GB , 8GB & 16GB, 32GB, DDR4 (2 x SO-DIMM DDR4-2666)
Storage	128GB, 256GB, 512GB , 1TB (1 x M.2 2280 for NVMe PCIE 4x SSD, Support Optan 1 x M.2 2242 for SATA SSD)
Interface	1 x HDMI2.0, resolution 4096 x 2160 @ 60Hz 1 x 80pin JAE Con. (HDMI2.0) , resolution 4096 x 2160 @ 60H 1 x DP1.2 (Integrated in Type C), resolution 4096 x 2160 @ 60Hz
Rear Panel	1 x JAE 80pin: 1 HDMI 2.0, 2 USB2.0,1 USB3.0, TTL, Audio, LANOption1 x 2.5/5.5 DC IN JACK 1 x Micro SIM Card
Front Panel	1 x HDMI2. 2 x USB3.1 Gen2, 1 x USB3.1 Type-C, 1 x USB 2.0, 1 x USB 3.0 1 x RS232, DB9 (Option) 1 x RJ45 1 x MIC IN, 1 x Line out 2 x Wi-Fi/BT ANT 1 x Power button, 1 x Reset button
Watchdog	Supports
TPM	Support, TPM2.0
Connectivity	1 x RJ45 Dual Band Wifi+BT modul
Optional	1 x M.2 3042 for 4G module 1xCOM,

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Operating System	Windows Embedded Windows 10 Pro Windows 11 Pro Linux Ubuntu / Boss Linux
Operating Humidity	10%~90% non-condensing 5%~95% non-condensing
Certification	BIS, CE, ROHS, FCC, BEE, MIL810-STD H

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