



Features

- ✓ Intel Atom N270 1.6GHz
- ✓ Intel 945GSE + ICH7M
- ✓ Memory Support DDR2
400/533MHz up to 2GB
- ✓ VGA/LVDS
- ✓ 6 x USB2.0, 8 x COM, SATA

Specification

Specification

| | |
|-----------------------|---|
| CPU | Intel Atom N270 1.6GHz |
| Chipset | Intel 945GSE + Intel ICH7M |
| Front Side Bus | 533MHz |
| Memory | 1 x 240-pin DIMM socket support 400/533MHz DDR2 SDRAM |

Video

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|---------------------------|--|
| Graphic Controller | Intel 945GSE integrated GMA 950 graphic controller |
| Video Memory | DVMT 3.0, Maximum 224MB shared |
| Video Interface | <ul style="list-style-type: none"> • 1 x VGA (1 x DB15) • 1 x 18-bit LVDS (Pin header) |

Storage

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|-------------|------------------|
| IDE | 1 x IDE (44-pin) |
| SATA | 2 x SATA port |
| CF | - |
| SD | - |

I/O

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|-----------------------|--|
| Expansion Slot | 1 x PCI |
| Ethernet | <ul style="list-style-type: none"> • 1 x 100Mbps RJ45 with LED, Realtek RTL8103 • 1 x Gbps RJ45 with LED, Realtek RTL8111C |
| Serial Port | 8 x RS-232 (1 x DB9, 7 x pin header) |
| USB | 6 x USB2.0 (4 x external port, 2 x pin header) |
| GPIO | - |
| Parallel Port | 2 x LPT (1 x DB25, 1 x pin header) |
| PS/2 | 1 x PS/2 |
| Audio | Realtek ALC662 |

Hardware Feature

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|-----------------------|---------------------------|
| Hardware | CPU voltage and temperate |
| Monitoring | - |
| WatchDog Timer | - |

Power Requirement

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|--------------------------|--|
| Power Input | Standard ATX 20-pin power connector |
| Power Consumption | 20.4W without external devices, 1.3A@3.3V, 2.5A@5V, 0.3A@12V |

Software

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|-------------------|------------------------------|
| OS Support | Windows Vista/XP/XP Embedded |
|-------------------|------------------------------|

Mechanical & Environment

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|--------------------------|----------------------------------|
| Dimension | 170mm x 170mm (6.69" x 6.69") |
| Operating Temp. | 0~60°C (32~140°F) |
| Storage Temp. | -20~80°C (-4~176°F) |
| Relative Humidity | 10 to 90% @ 40°C, non-condensing |
| Safety | CE, FCC class A |

Packing List

- 1 x AR-B5495
- 1 x Driver CD
- 1 x User manual
- 2 x COM cable
- 1 x LPT cable
- 1 x IDE cable (44-pin)
- 1 x I/O bracket
- 1 x SATA cable kit (SATA/Power)

Ordering Information

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|-----------------|--------------|
| AR-B5495 | 1 x AR-B5495 |
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