



SPEC SHEET

SYNCUSTECH

EMB - 8000S

Intel T9400 (45nm) Penryn Cor2Duo Mini ITX SBC with Intel® GM45 + ICH9M Chipset

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Fanless design with Mini-ITX embedded motherboard applicable to CNC, Vision Equipment, and Industrial Automation product and has the capability to support three Lan Ports and RTOS.



Features

- Intel T9400 (45nm) Penryn Cor2Duo Processor
- Intel GM45 + ICH9M chipset
- Single channel DDR3-1066
- VGA and LVDS LCD (Dual Display)
- SATA II 300 MB/s
- 6 x USB 2.0/1.1 ports
- 1 x 15P VGA
- 1 x Expansion PCI, 1 x PCIe (x1)
- ATX power

CPU	Intel T9400(45nm) Penryn Core2Duo Processor 2.53GHz, 1066 MT/s FSB L2 Cache 6MB
System Chipset	Intel® GM45 + ICH9M
BIOS	AMI
System Memory	2 x 204-pin DDR3 SODIMM (Max. 4GB)
Ethernet	2 x 10/100/1000Mbps Realtek RTL8111F 1 x Intel 82574L
Rear I/O	1 x RS-232 3 x Ethernet (RJ45) 6 x USB 2.0 1 x VGA 1 x PS/2 for Keyboard/Mouse 1 x Mic, Line-out, Line-in

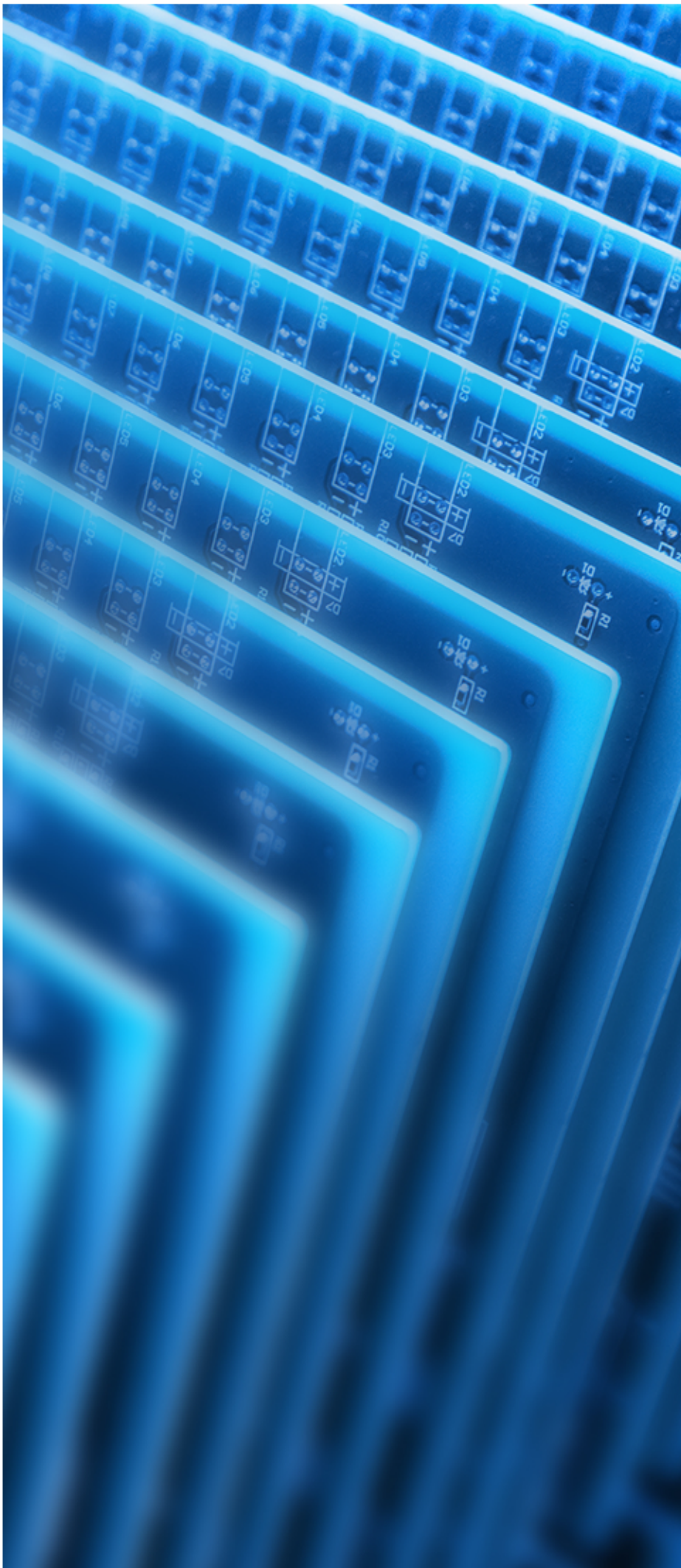


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Internal I/O	4 x RS-232 1 x RS-422/485 2 x USB 2.0 1 x IDE (44pin 2mm Pitch) 2 x SATA II 1 x 8-Bit GPIO 1 x Parallel (26Pin Box header) 1 x LVDS LCD 1 x System Fan 1 x System Indicator
Audio	Realtek ALC888 HD Codec
SATA	SATA II 300 MB/s 2 x Chanel
Display Interfaces	Integrated Intel GM45, GMA 4500MHD Graphics LVDS Supports 18/24-bit Single / Dual channel Dual Display support
Expansion	1 x PCI 1 x PCI-e
Power Supply	ATX Power Input (Tolerance $\pm 10\%$) support
Temperature	Operating: 0°C ~ 60°C (32 ~ 140° F)
Humidity	Operating: 5% ~ 95%, non-condensing
Dimensions	170mm x 170mm





This motherboard has been developed as a reference product and can be customized to your needs.

To ask for a customized solution, please contact our team at:

KOREA H.Q.

☎ (031) 443 8493

✉ syncustech@syncus.co.kr

U.S.A Office

☎ (877) 882 1033

✉ contact@syncustech.com

