

In the World of T-Engine,
PERSONAL MEDIA Stands
Front and Center



PERSONAL MEDIA T-Engine Solutions



Personal Media offers assistance in every phase of T-Engine business, from development to technical support, and from sales to publication. Look to Personal Media for advanced technology and experience, built up through twenty years of involvement in the history of the TRON Project.

- Porting service for T-Kernel and other software
- T-Engine and T-Kernel support and consulting
- PMC T-Shell GUI middleware, T-Monitor, device drivers, etc.
- Browsers for T-Engine
- Sales of T-Engine development kits
- Partnering alliances
- Technical seminars

Porting service for T-Kernel and other software

We offer porting of T-Kernel, T-Kernel Extension, and various middleware and device drivers to the CPU and hardware designated by customers.

Porting examples to date:

CPU Vendor	Architecture	CPU Models
RENESAS	SH3-DSP	SH7727
	SH-4	SH7751R, SH7760
	M32R	M32104
NEC Electronics	MIPS	Vr5500, Vr5701A, Vr4131
	V850	V850E/MA3
Freescale Semiconductor	ARM920T	MC9328MX1(i.MX1)
	ARM926EJ-S	MC9328MX21(i.MX21)
EPSON	ARM720T	S1C38000
SHARP	ARM922T	LH7A400
	ARM720T	LH79520
	ARM7TDMI	LH79532
FUJITSU	ARM926EJ-S	MB87Q1100
TOSHIBA	MIPS	TX4956
ALTERA	NiosII	NiosII(Cyclone)
Intel	XScale	PXA270
Xilinx	PowerPC	PowerPC 405 (Virtex-4)
Intel, AMD etc.	x86 or x86 compatible	Pentium, Celeron, Geode etc.

Provision of PMC T-Shell GUI middleware, T-Monitor, device drivers, etc.

A variety of flexible licensing arrangements are possible, including per-copy royalties and per-model licensing, based on the nature of the end products and the customer's needs.

Provision of browsers for T-Engine

A variety of browsers are available for different applications, including the TRON browser BBB with its compact size and rich character support, and the lightweight Firebird browser from the Mozilla project.

Sales of T-Engine development kits

The development kits are T-Engine package products that let customers jump right into the world of ubiquitous computing, enabling fast, efficient prototype and software development. A development kit includes evaluation hardware (standard T-Engine or μT-Engine board, the T-Kernel real-time OS, T-Monitor offering BIOS-like functionality, T-Kernel Extension for file system and other functions, standard device drivers, a development environment, and related documentation.

Partnering alliances

Middleware or peripheral devices developed by our partners for T-Engine can be marketed through Personal Media to other customers for use in evaluation systems running on a T-Engine development kit. We are also ready to introduce our customers' T-Engine products and applications in TRONWARE, a periodical devoted to T-Engine technology published by Personal Media. Feel free to contact us.

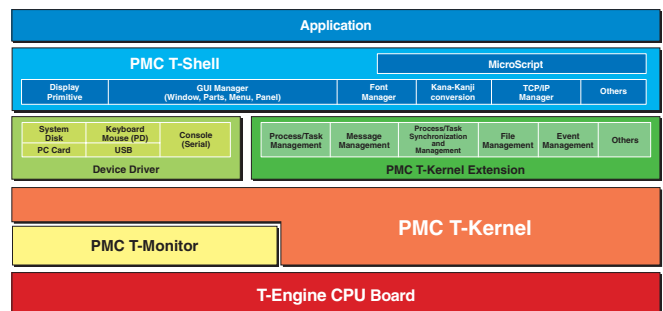
T-Engine and T-Kernel support and consulting

Both general and custom support agreements are available to match the customer's situation. Ask us about other support arrangements for special needs.

- General Support Agreement
 - Assistance in using T-Engine-related software (functions, APIs, etc.)
 - Answers to questions by e-mail
- Custom Support Agreement
 - Support related to internal software structure and source code
 - Advice about system tuning, customizing and porting
 - Support specific to the customer's environment and programming; debugging assistance
 - Support for non-experts
 - Help with porting from another environment to T-Engine
 - Sales and business-related consulting
 - * Also includes the contents of general support.

Technical seminars

The T-Engine Training Seminar and T-Engine Expert Seminar are standard courses offered at regular intervals. In addition to these, customized courses and on-site training are available on demand.



Reference Books and Related Information

- T-Kernel Kumikomi Programming Kyokasho (A Practical Guide to T-Kernel Embedded Programming), Ken Sakamura (Ed.), 4200yen.
- T-Kernel Standard Handbook, Ken Sakamura (Ed.), 3800yen. * English documents are included as PDF files on CD-ROM.
- T-Engine, T-Engine2, T-Engine3 (TRONWARE extra edition), 1600yen (each).
- TRONWARE Vol.1-109 (TRON bimonthly magazine, scheduled to be continued),1200yen (ordinary issue).
- μITRON 4.0 Standard Guidebook, Ken Sakamura (Ed.), 3200yen. * The above books are published by Personal Media Corporation in Japanese. Tax is not included.
- T-Engine Forum <http://www.t-engine.org/>
- TRON Project <http://www.tron.org/>
- Personal Media Corporation (T-Engine Solution Website) <http://www.t-engine4u.com/en/index.html>

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- For details and price, please contact us.
 - TRON is an abbreviation of "The Real-time Operating System Nucleus".
 - eTRON is an abbreviation of "entity and economy TRON".
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