

Specification



Model		RTC-840	RTC-1000
Application		Industrial, Military, Government, Business Automation, Utility Market Emergency Medical Service, Transportation, Distribution, Professional Service, Field Sales	Industrial, Military, Government, Business Automation, Utility Market Emergency Medical Service, Transportation, Distribution, Professional Service, Field Sales
Display	Size/ Type	8.4" TFT-LCD/ 4:3	10.2" TFT-LCD/ 16:9
	Max. resolution	800 x 600	1024 x 600
	Max. colors	262 K	262 K
	Dot Size (mm)	0.2175 x 0.2175	0.2175 x 0.2175
	Luminance (cd/m ²)(Typical)	200 cd/m ²	220 cd/m ²
	Viewing Angle	130°/110°	120°/140°
	Back Light MTBF (Hrs)	20,000	—
Display Touch	Touch Type	Resistive Touch/ Digitizer (Optional)	Resistive Touch/ AOT
CPU		Intel® Core™ Duo Processor ULV 1.2GHz (U2500)	Intel® Core™ Duo Processor ULV 1.2GHz (U2500)
Memory		Supports up to 2G DDRII 667	Supports up to 2G DDRII 667
LCD/ CRT Controller		Intel® 945GME	Intel® 945GME
Storage Disk Drive		2.5" Hard Disk/SSD	2.5" Hard Disk/SSD
I/O Port	Network (LAN)	Gigabit Ethernet x 1	Gigabit Ethernet x 1
	Serial Ports	RS-232 x 1	RS-232 x 1
	Keyboard/ mouse	Numeric Keypad, Hot key	Numeric Keypad, Hot key
	USB connector	USB2.0 x 2, mini USB x 1	USB2.0 x 2, mini USB x 1
	Audio	Audio In/ Out Jacks for Microphone/ Earphone	Audio In/ Out Jacks for Microphone/ Earphone
Expansion Slots		PCMCIA, Mini Card Slot x 2 (internal), CompactFlash™ slot	PCMCIA, Mini Card Slot x 2 (internal), CompactFlash™ slot
Power	Power supply	DC-20 V	DC-20 V
	Battery	3S3P Smart 9cells (7,000mAh) 6.5 Hrs battery life	3S3P Smart 9cells (7,800mAh) 8 Hrs battery life
Storage Temperature		-67°F ~ 167°F (-55°C ~ 75°C)	-67°F ~ 167°F (-55°C ~ 75°C)
Front panel protection		IP-54 Compliance	IP-65 Compliance
Certification		CE/ FCC Class B	CE/ FCC Class B
Dimension (W x H x D)		10.6" x 7.2" x 2" (270mm x 184mm x 51mm)	10.6" x 7.2" x 1.9" (270mm x 184mm x 49mm)
Gross weight		4.7 lb (2.15Kg)	4.7 lb (2.15 kg)

Note: All specifications are subject to change without notice.

AAEON Welcomes OEM/ODM Requests

Headquarters

AAEON Technology Inc.

5F, No.135, Lane 235, Pao Chiao Rd., Hsin-Tien City,
Taipei 231, Taiwan, R.O.C.
TEL: +886-2-8919-1234
FAX: +886-2-8919-1056
E-mail: sales@aaeon.com.tw
URL: http://www.aaeon.com

Worldwide Offices

America

USA (for ECD/ISD)

AAEON Electronics, Inc.
3 Crown Plaza, Hazlet, NJ 07730-2441, USA
Tel: +1-732-203-9300
Toll Free: +1-888-AAEON-US (1-888-223-6687)
Fax: +1-732-203-9311
E-mail: sales@aaeon.com

For Board-Level Tech Support (North and South
America only)
E-mail: tech@aaeon.com
Tel: +1-732-203-9300 x-125

USA (for PAA/ISD)

AAEON Systems, Inc.
2663 Saturn Street, Brea, CA 92821, USA
Toll Free: +1-877-TO-AAEON (1-877-862-2366)
Tel: +1-714-996-1800
Fax: +1-714-996-1811

For System-Level Tech Support (North and South
America only)
E-mail: tech@aaeonsystems.com
Tel: +1-714-996-1800x-111

Europe

Netherlands

AAEON EUROPE
Ekkersrijt 4002, 5692 DA Son, The Netherlands
TEL: +31-(0)499-462020
Fax: +31-(0)499-462010
Email: saleseurope@aaeon.com

Germany

AAEON Technology GmbH
An der Trift 65d, D-63303 Dreieich, Germany
Tel: +49(0)61033 74 79 00
Fax: +49(0)61033 74 79 49
Email: saleseurope@aaeon.com

Asia

Singapore

AAEON Technology Singapore PTE LTD.
57 Genting Lane, #07-00, Singapore 349564
TEL: +65-6749-8749
FAX: +65-6746-1595
E-mail: sales@aaeon.com.sg

Asia

China

Shanghai Branch Office
Block D, 20F, GEM Building, NO.487 Tianlin
Road, Xuhui District, Shanghai, China
Tel: +86-021-3367-5511
Fax: +86-021-3367-4238
E-mail: sales@aaeon.com.cn

Beijing Branch Office

RM.606-608 Block D, Jiahua Building, No.9, Shang
Di San Street, Hai Dian District, Beijing, China
Tel: +86-10-8278-0904
Fax: +86-10-8278-0214
E-mail: sales@aaeon.com.cn

Shenzhen Branch Office

Room 1806, Block C, Huangdou Square, NO.3008
Yitian Road, Futian District, Shenzhen, China
Tel: +86-755-8304-7277
Fax: +86-755-8304-7272
E-mail: sales@aaeon.com.cn

AAEON Technology (Su Zhou) Inc.

Room 12, 2F, Building B, No.5 Xing Han Street,
Suzhou Industrial Park, Jiang Su Province, China
Tel: +86-512-6762-5700
Fax: +86-512-6761-7337
E-mail: sales@aaeon.com.cn



Rugged Tablet Computers (RTC)

*Computing Everywhere with AAEON's
Rugged Tablet Computer Series*



- *Designed to withstand accidental drops and to perform despite vibration*
- *Water & dust proof at IP-65 or IP-54 levels*
- *Supports both touch panel and digitizer in one small form factor*



AAEON®

Computing Platform Service Partner

www.aaeon.com

Introduction

AAEON's new line of Rugged Tablet Computers (RTC) is certified to MIL-STD-810F standards and meets IP-65 and IP-54 ratings. Built from the ground up to withstand water, dust, vibration and shock, as well as the extreme temperatures found in a variety of harsh conditions, the RTC product line will go wherever the job takes you. Encased in tough magnesium alloy, the RTC series offers secure and reliable mobile computing whether vehicle mounted or hand carried into the field.

The rugged mobile computing market continues to grow as we find new ways to improve performance and increase productivity by enabling connectivity for the workforce. Up to the minute information availability and infield data acquisition make mobile computing not just a valuable asset, but a critical requirement.

Powered by an Intel® ULV Core™ Duo processor, the

RTC line delivers high performance with low power consumption. Battery life in the range of 6~8 hrs working time meets the demands of a full days work in the field. Docking station options and vehicle chargers will keep the system up and running for multiple shift operations. Ergonomic and conveniently sized (10.6" x 7.2" x 2"), these light weight (just over 4 lbs) tablets will go with you everywhere and have just what it takes to get the job done.

With a resistive touch screen and Advanced Optibond Technology (AOT™) or with the optional digitizer, data input is easy and accurate. Built-in handwriting recognition, numeric keypad and programmable function keys are all standard features that make AAEON's RTC product line your best choice for mobile computing.



Features

RTC-840

8.4" Rugged Tablet Computer



- Intel® Core™ Duo Processor ULV 1.2GHz (U2500) Processor
- 200-pin DDRII 533/667 SODIMM Socket x 1, up to 2GB (Factory Optional)
- 8.4" XGA (800 x 600) TFT LCD Display
- 9-Cell Smart Lithium-Ion High-Capacity Battery, 6.5 Hours Battery Life
- Rugged, Water and Dust Proof
- Touch Screen, Digitizer (Optional)
- PCMCIA, CompactFlash™ Card Sockets
- Windows® XP Embedded, Handwriting Recognition
- Numeric Keypad, Programmable Function Key, Customized Labeling

RTC-1000

10.2" Rugged Tablet Computer



- Intel® Core™ Duo Processor ULV 1.2GHz (U2500) Processor
- 200-pin DDRII 533/ 667 SODIMM Socket x 1, up to 2GB (Factory Optional)
- 10.2" WSVGA (1024 x 600) TFT LCD Display
- 9-Cell Smart Lithium-Ion High-Capacity Battery, 8 Hours Battery Life
- Rugged, Water and Dust Proof
- Touch Screen, Advanced Optibond Technology (AOT)
- Finger Print Scanner
- PCMCIA, CompactFlash™ Card Sockets
- Windows® XP Embedded, Handwriting Recognition
- Numeric Keypad, Programmable Function Key, Customized Labeling

Applications



Professional Service



Emergency Medical Service



Public Safety



Transportation & Distribution



Manufacturing



Field Sales



Military



Field Service



Government

Fully-Rugged Design

Water Proof



- MIL-STD 810F 506.4 Procedure II
- IPX4 standard

Vibration Test



- Mil Std 810F-514.5, Procedure I Cat. 24, Fig. 514.5C-17 & 514.5C-18
- ASTM 4169-99 Truck Assurance Level II, Schedule E

Shock Test



- MIL-STD-810F Method 516.5

Dust Proof



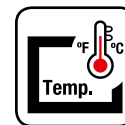
- IEC 60529
- IP-5X standard

Drop Test



- MIL-STD-810F, Method 516.5 Procedure IV

Temperature Test



- MIL STD 810F, Method 501.4 Procedure I & II, Method 502.4 Procedure I & II, Method 503.4 Procedure I, Method 507.4 Procedure III

Outdoor Display Enhancement



Without AOT™

With AOT™



AOT™ (Advanced Optibond Technology)

- The best reflection reduction of any commercially available technology
- Reinforces the LCD display, making it much more rugged