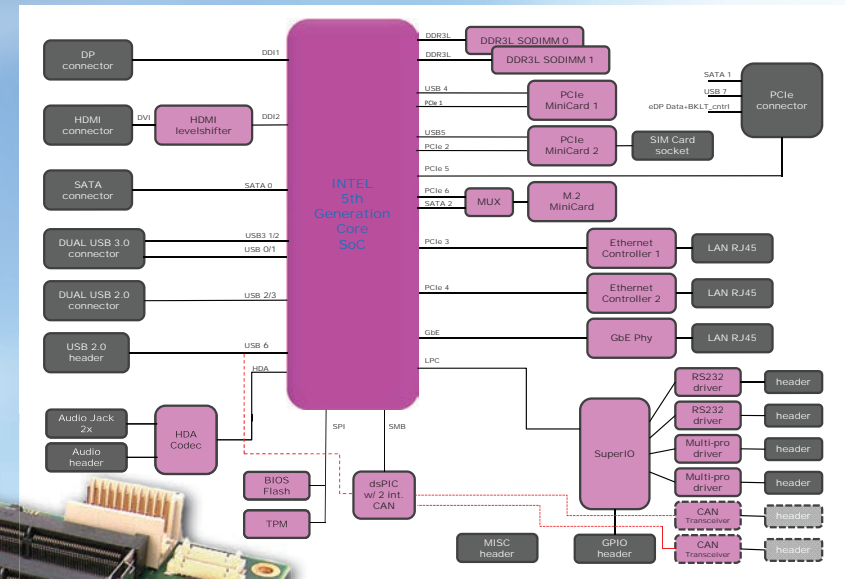
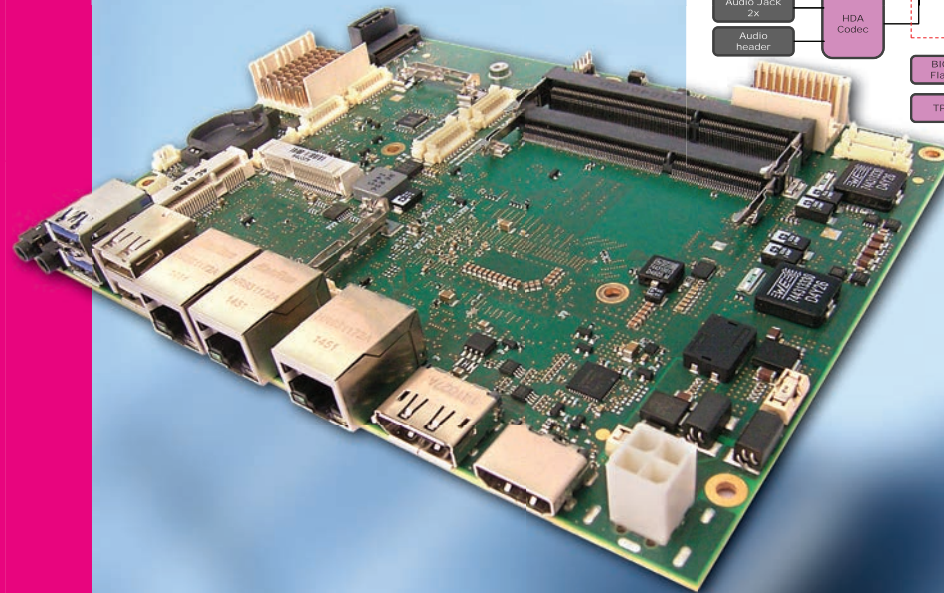


PROFIVE® F97

APPLICATIONS

Designed for fanless applications, the **PROFIVE® F97** single board computer finds its field of work in stationary and mobile devices.

- _ Rugged Industrial Systems
no rotating parts, low power
- _ Medical Solutions
Intel® Core™ performance,
high-resolution graphics
- _ Automatic Control
scalable, long term availability,
flexible expansion
- _ Measurement
Multiple Graphics
- _ Public Terminal
Digital Signage, Multiple
Displays support



Made in Germany

E.E.P.D. 
...just embedded!

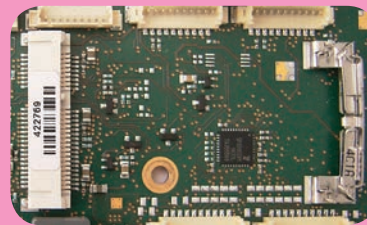
SPECIFICATIONS

CPU	Intel® 5th Generation Core™ and Intel® Celeron® processor
BIOS	UEFI-BIOS
Max. memory	Up to 16 GB DDR3L dual-channel Memory support up to 1600 MT/s
Gigabit Ethernet	Up to 3 (Intel® I210)
PCI Express® Mini Card	Up to 2 fullsize sockets 1 with SIM Card socket
M.2 socket	Yes (Key M, 22 mm x 42 mm) (optional 60 mm)
Serial ATA	Up to 3 (6G)
USB ports	Up to 8 USB 2.0; 2 USB 3.0
COM ports	2 RS-232 2 RS-232/485/422
CAN bus	2 ports (optional)
SM bus	Yes
Display Port connector	Yes (up to 3200 x 2000 @ 60 Hz)
HDMI connector	Yes (up to 1440p @ 60 Hz)
Sound	HDA, one Line-In and one Line-Out
Health monitoring and management	Controllable fan, hardware monitoring and Watchdog
Power supply	Min. 8 V / Max. 32 V, internal power or optional 4-pin Mini DIN power connector
Max. operating temperature	0°C to +60°C ambient
Max. storage temperature	-20°C to +80°C
Max. rel. humidity	95% @ 40°C, non-condensing
Fanless	Designed for fanless operation
Size approx.	180 mm x 135 mm
OS support	Microsoft® Windows® 7; Microsoft® Windows® 7 embedded standard; Microsoft® Windows® 10; Microsoft® Windows® 10 IoT Core; Linux (Ubuntu 16.04 LTS; Yocto Kernel Version 4.1)

Ordering Code CPU	Description	Type
F97-A	SBC	3765U / 1.9 GHz / 2 MB cache
F97-B	SBC	i3-5010U / 2.10 GHz / 3 MB cache
F97-C	SBC	i5-5350U / 1.80 GHz / 3 MB cache
F97-D	SBC	i7-5650U / 2.20 GHz / 4 MB cache

other on request

Ordering Code Memory	Description	Size
4GB-F97X	Main Memory	4 GB
8GB-F97X	Main Memory	8 GB



PCI Express® Mini Card Socket



HDMI and Display Port



M.2 Mini Card Socket with M.2 Mini Card



Intel® Core i7™ CPU



TÜV SÜD approved
quality management
system

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LIFE SUPPORT APPLICATIONS

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**E.E.P.D Electronic Equipment
Produktion & Distribution GmbH**
Gewerbering 3
85258 Weichs - Germany
Phone +49 8136 2282-0
Fax +49 8136 2282-109
Internet: www.eepd.de
E-Mail: sales@eepd.de