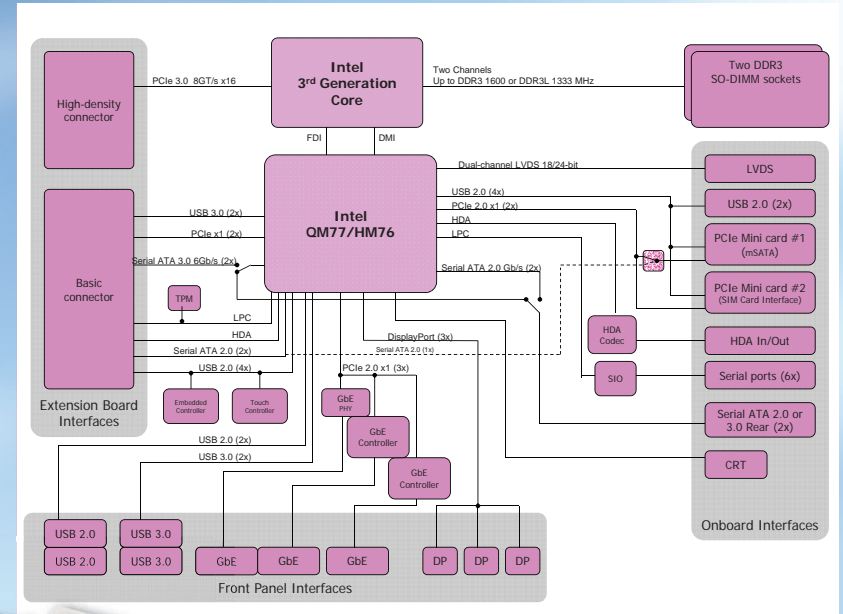
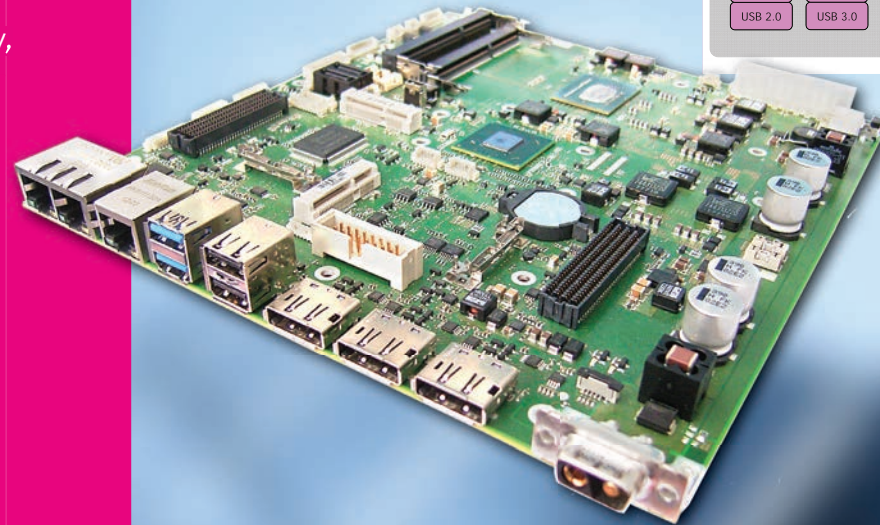


# PROFIVE® G95

## APPLICATIONS

The **PROFIVE® G95** 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!

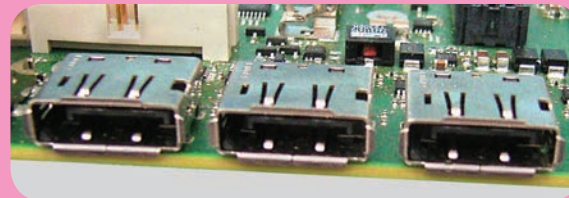
## SPECIFICATIONS

CPU	Intel® Core™ and Celeron® processors
Chipset	Mobile Intel® QM77 or HM76 Express Chipset (optional)
BIOS	UEFI-BIOS
Max. memory	Up to 16 GB DDR3 memory supports 1600 MT/s
Gigabit Ethernet	3 (Intel® 82579LM / 82574L)
PCI Express® Mini Card	Up to 2 fullsize sockets 1 with SIM Card socket (optional mSATA)
PCI Express® lanes	Up to 4 PCI Express® lanes 2.0, 16 lanes 3.0
Serial ATA	Up to 4 ports 3.0, 2 ports 2.0
USB ports	Up to 4 USB 3.0, up to 9 USB 2.0
COM ports	2 RS-232 2 RS-422/485
CAN bus	2 ports (optional)
SM / LPC bus	Yes
LVDS connector	Yes, 24-bit dual channel with backlight connector
Display Port connector	3 ports (1x VGA optional)
Sound	HDA with Analog Audio In/Out and S/PDIF In/Out
Touch controller	Yes, supports 4- and 8-wire resistive touch panels
Trusted Platform Module	Yes (optional)
Health monitoring and management	Controllable fan, hardware monitoring, backlight control and Watchdog
Power supply	Min. 8 V / Max. 32 V, ATX supply option
Max. operating temperature	0°C to +55°C
Max. storage temperature	-40°C to +85°C
Max. rel. humidity	95% @ 40°C, non-condensing
Fanless	Designed for fanless operation with various CPUs.
Size approx.	198 mm x 220 mm
OS support	Microsoft® Windows® 7; Microsoft® Windows® 10; Microsoft® Windows® 10 IoT Core; Linux Ubuntu 16.04 LTS

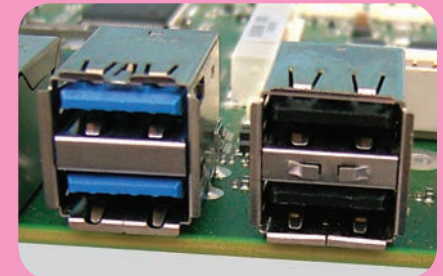
Ordering Code CPU	Description	Type
G95-A	SBC	i7-3615QE / 3.30 GHz / 6 MB cache / QM77

### other on request

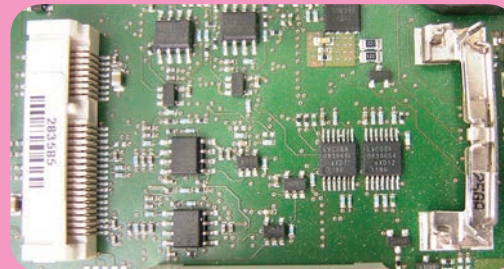
Ordering Code Memory	Description	Size
4GB-G95X	Main Memory	4 GB
8GB-G95X	Main Memory	8 GB



Display Ports



Dual USB Ports



PCI Express® Mini Card Socket



Gigabit Ethernet



TÜV SÜD approved  
quality management  
system

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#### LIFE SUPPORT APPLICATIONS

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