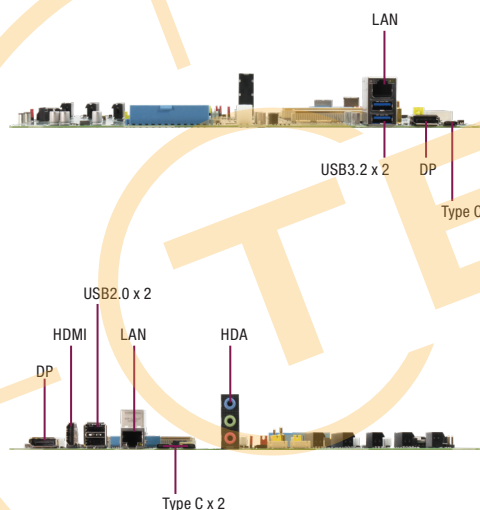
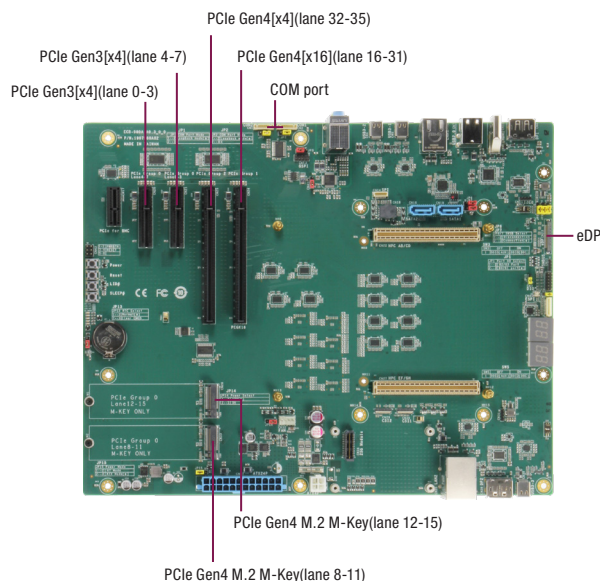


ECB-980A

COM HPC Client Carrier board for Size A/B/C



Features

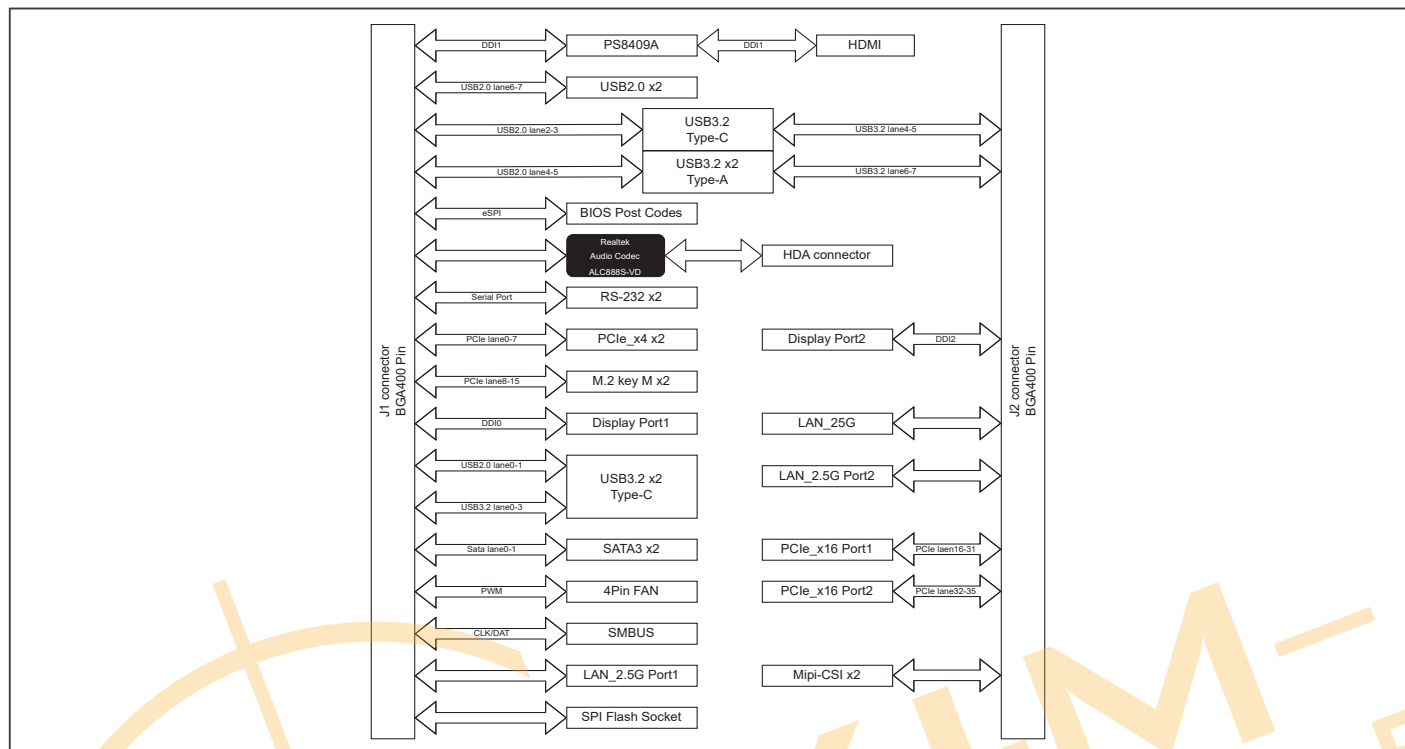
- ATX Form Factor
- Supports COM HPC Client Size A/B/C, J1 and J2
- PEG x 2, PCIe [x4] x 2 + M.2 2280 M-Key x 2 (NVMe)
- DP x 2, HDMI x 1, eDP x 1
- USB Type C x 3, USB Type A x 4
- RJ-45 x 2, SATA III x 2



Specifications

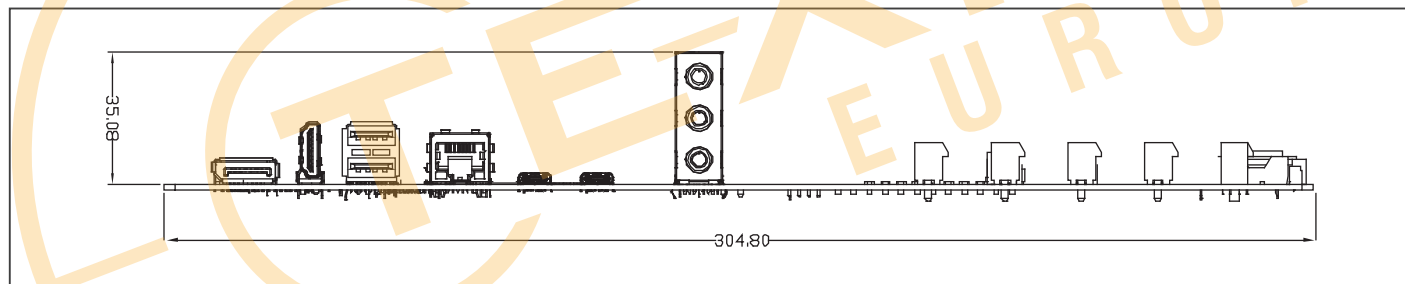
System	
Form Factor	COM HPC Client Size A/B/C
COM Express Connector	x 2 (J1 and J2)
I/O Chipset	—
Front Panel Control	10-pin Header (2x5P)
Ethernet	2.5 GbE x 1 10 GbE x 1
Expansion Interface	PCIe [x4] x 2 (Group 0, Lane 0 ~ 7) PCIe [x16] x 2 (one PCIe [x16] only supports PCIe [x4])
Power Supply Type	Standard 24-pin ATX + 8-pin 12V
CMOS Battery	RTC battery socket x 1
BIOS	Yes
Board Size	12" x 9.6" (305mm x 244mm)
Gross Weight	1.54 lb. (0.7Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Display	
LCD	eDP x 1
Display interface	Display Port x 2 HDMI x 1
I/O	
Storage	SATA x 2 M.2 2280 M-Key x 2 (PCIe Gen 4 [x4] for NVMe)
Serial Port	4-wire UART x 2
USB	USB 3.2 x 2 (20Gbps, up to Gen 2 x 2 support) USB 3.2 x 1 (10Gbps, up to Gen 2 x 1 support) USB 3.2 x 2 (5Gbps, up to Gen 1 x 1 support) USB 2.0 x 8
Audio	Audio Jack, supports Line-in, Line-out, Microphone
GPIO	12 bit
Switch/Button	Power Button x 1 / Reset Button x 1
Debug LED	7-Segment Display LED x 2 (80 Port Post Code Indicator)
I2C	x 1
Expansion Interface	SMBus, LPC/eSPI slot

Block Diagram



Dimension

Unit: mm



Packing List

- COM Port Cable x 2
- Screw.M2.5*5mm x 2
- Bolt.M2.5mm.8mm x 4
- ECB-980A x 1

Ordering Information

- **ECB-980A-A11-0001**
COM HPC Client Carrier.Size A/B/C.HDMI.DP.2GbE.3USB(TypeC).2SATA.PCie.ATX.A1.1

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Texim Europe B.V. its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Texim"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Texim makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product.

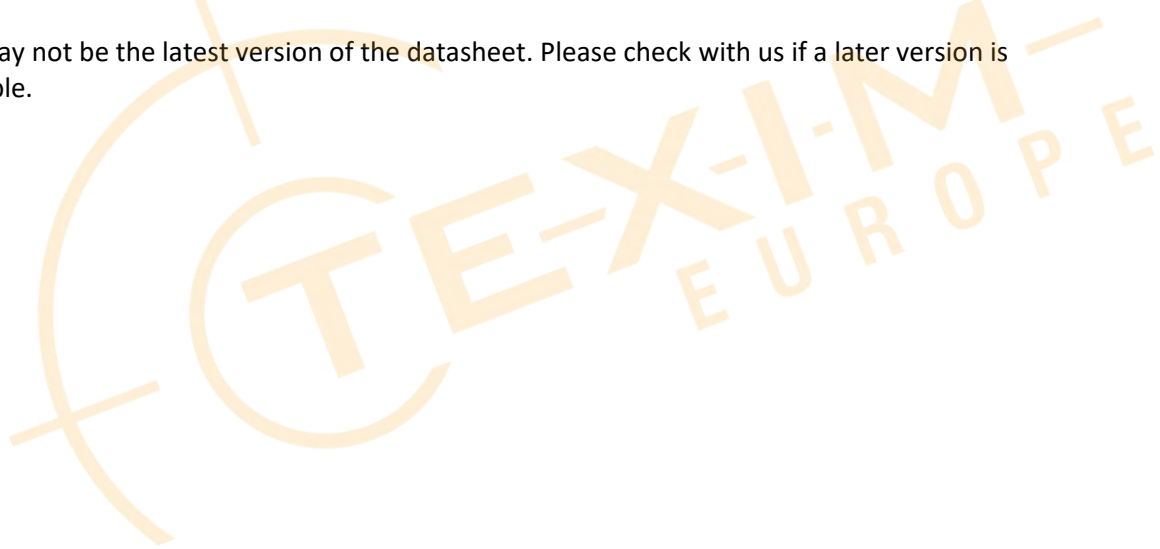
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





Headquarters & Warehouse

Elektrostraat 17
NL-7483 PG Haaksbergen
The Netherlands

T: +31 (0)53 573 33 33
E: info@texim-europe.com
Homepage: www.texim-europe.com



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
E: nl@texim-europe.com



Belgium

Zuiderlaan 14, box 10
B-1731 Zellik

T: +32 (0)2 462 01 00
E: belgium@texim-europe.com



UK & Ireland

St Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
E: uk@texim-europe.com



Germany

Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
E: germany@texim-europe.com



Germany

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: muenchen@texim-europe.com



Austria

Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
E: austria@texim-europe.com



Nordic

Stockholmsgade 45
2100 Copenhagen

T: +45 88 20 26 30
E: nordic@texim-europe.com



Italy

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: italy@texim-europe.com