

# QNX for EKF CompactPCI CPU Boards Board-Support-Package (BSP)



**Board Support Package and Support (Bundle)**  
esd electronics offers BSPs for several EKF CompactPCI Serial and PlusIO CPU Boards. The BSPs are available for different QNX-Versions.

Each BSP bundle contains the BSP without warranty (shipped as is) and a 12 months customer support for a fixed price. This qualified support includes:

- Support by phone: Monday to Friday from 08:00 to 17:00 CET (English and German)
- Support by email: We will do our best to answer your email inquiry within 24 hours on workdays.
- Renewal of support possible every 12 month-additional costs if support is not ordered frequently.



After the bundle is successfully ordered you will receive an electronic delivery note with a download link for the BSP. From the date of invoice you get access to our service support for 12 months.

On the back page there is an overview of the BSPs. The BSPs have the following status:

- available: green
- on request: light green
- not supported: white

QNX Bundle	
Quantity	1
Description	Board-Support-Package for adaptation of QNX-Version, without warranty (shipped as is) Price: 0,00 € and 12 month support and updates
Price	on request
Delivery	Download
Required information when ordering	Company name, complete information for company identification, EKF CPU name QNX Version

Further 12 Month QNX Support	
Description	12 month support and updates
Precondition	Previously QNX Bundle ordered - additional costs if support is not ordered frequently
Price	on request

For further product information visit our homepage: [www.esd.eu](http://www.esd.eu)

# QNX for EKF CompactPCI CPU Boards

## Board Support Package and Support Overview



EKF CPU	Description	QNX- BSP and Support-Bundle		
		QNX 6.5.0 SP1	QNX 6.6.0	QNX 7.0
Product Range	Description	Article no.	Article no.	Article no.
<b>CPU Boards CompactPCI PlusIO</b>				
<b>PC1-GROOVE</b>	<b>Intel Core i7 Prozessor with QM57, up to 8GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 2.0 Graphics Port (DisplayPort/VGA/DVI-I), CompactPCI 32-Bit with Rear I/O or 64-bit (PXI compatible); Sidecard Expansion</b>			
PC1-220V-GROOVE	Core(TM) i7 ULV 1.06/2.13GHz, 4MB LLC, TDP 18W, CPCI 32-bit/Rear I/O, 2GB DDR3 memory slid., VGA	I.1301.55	I.1301.55	I.1301.55
PC1-420D-GROOVE	Core(TM) i7 LV 2.0/2.8GHz, 4MB LLC, TDP 25W, CPCI 32-bit/Rear I/O, 2GB DDR3 memory slid., DisplayPort	I.1301.55	I.1301.55	I.1301.55
PC1-420V-GROOVE	Core(TM) i7 LV 2.0/2.8GHz, 4MB LLC, TDP 25W, CPCI 32-bit/Rear I/O, 2GB DDR3 memory slid., VGA	I.1301.55	I.1301.55	I.1301.55
PC1-620D-GROOVE	Core(TM) i7 SV 2.53/3.2GHz, 4MB LLC, TDP 35W, CPCI 32-bit/Rear I/O, 2GB DDR3 memory slid., DisplayPort	I.1301.55	I.1301.55	I.1301.55
PC1-620V-GROOVE	Core(TM) i7 SV 2.53/3.2GHz, 4MB LLC, TDP 35W, CPCI 32-bit/Rear I/O, 2GB DDR3 memory slid., VGA	I.1301.55	I.1301.55	I.1301.55
PC1-640D-GROOVE	Core(TM) i7 SV 2.53/3.2GHz, 4MB LLC, TDP 35W, CPCI 32-bit/Rear I/O, 4GB DDR3 memory slid., DisplayPort	I.1301.55	I.1301.55	I.1301.55
PC1-640V-GROOVE	Core(TM) i7 SV 2.53/3.2GHz, 4MB LLC, TDP 35W, CPCI 32-bit/Rear I/O, 4GB DDR3 memory slid., VGA	I.1301.55	I.1301.55	I.1301.55
<b>PC2-LIMBO</b>	<b>Intel Atom Prozessor with EG20, 2GB DDR2 SDRAM, 2x Gigabit-ETH, 2x USB 2.0 Graphics Port (VGA/DVI-I), CompactPCI 32-Bit with Rear I/O or 64-bit (PXI compatible); Sidecard Expansion</b>			
PC2-620D-LIMBO	Atom low power CPU E680T 1.60GHz, TDP 4.5W, CPCI 32-bit/Rear I/O, 2GB DDR2 memory slid., DVIH			
<b>PC3-ALLEGRO</b>	<b>Intel Core 3<sup>rd</sup> Gen i7 Prozessor with QM77, up to 16GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-I), CompactPCI 32-Bit with rear I/O or 64-bit (PXI compatible); Sidecard Expansion</b>			
PC3-040D-ALLEGRO	Celeron(TM)-1047UE 1.4GHz, 17W TDP, 2MB LLC, CPCI 32-bit/Rear I/O, 4GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
PC3-046D-ALLEGRO	Celeron(TM)-1047UE 1.4GHz, 17W TDP, 2MB LLC, CPCI 64-bit, 4GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
PC3-280D-ALLEGRO	Core(TM) i7-3517UE 1.70GHz, 17W TDP, 4MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
PC3-480D-ALLEGRO	Core(TM) i7-3555LE 2.50GHz, 25W TDP, 4MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
PC3-680D-ALLEGRO	Core(TM) i7-3612QE 2.10GHz, 35W TDP, 6MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
PC3-680V-ALLEGRO	Core(TM) i7-3612QE 2.10GHz, 35W TDP, 6MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., VGA	I.1303.55	I.1303.55	I.1303.55
PC3-686D-ALLEGRO	Core(TM) i7-3612QE 2.10GHz, 35W TDP, 6MB LLC, CPCI 64-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1303.55	I.1303.55	I.1303.55
<b>PC4-PRESTO</b>	<b>Intel Core 4<sup>th</sup> Gen i7 Prozessor with QM87, up to 16GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-I), CompactPCI 32-Bit with rear I/O or 64-bit (PXI compatible); Sidecard Expansion</b>			
PC4-280D-PRESTO	Core(TM) i5-4422E 1.8GHz, 25W TDP, 3MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1304.55	I.1304.55	I.1304.55
PC4-480D-PRESTO	Core(TM) i5-4400E 2.7GHz, 37W TDP, 3MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3 slid., DisplayPort	I.1304.55	I.1304.55	I.1304.55
PC4-680D-ALLEGRO	Core(TM) i7-4700EQ 1.7GHz, 47W TDP, 6MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1304.55	I.1304.55	I.1304.55
<b>PC5-LARGO</b>	<b>Intel Core 5th Gen i7 Prozessor with QM87, up to 24GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort), CompactPCI 32-Bit with rear I/O or 64-bit (PXI compatible) Side Expansion</b>			
PC5-630D-LARGO	Core(TM) i7-5700EQ 2.6GHz, 47W TDP, 6MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1305.55	I.1305.55	I.1305.55
PC5-830D-LARGO	Core(TM) i7-5850EQ 2.7GHz, 47W TDP, 6MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1305.55	I.1305.55	I.1305.55
<b>PC6-Tango</b>	<b>Intel Atom E3900 SOC Processor, 8GB DDR3L RAM, 2x Gigabit-ETH, 2x USB 3.0, micro SD card Graphics Port (2x DisplayPort), CompactPCI 32-Bit with rear I/O or 64-bit (PXI compatible) Sidecard Expansion</b>			
PC6-280D (E) -TANGO	Atom(TM) x5-E3930 1.3GHz, 6.5W TDP, 2MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort (64GB eMMC)	I.1306.55	I.1306.55	I.1306.55
PC6-286D-TANGO	Atom(TM) x5-E3930 1.3GHz, 6.5W TDP, 2MB LLC, CPCI 64-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1306.55	I.1306.55	I.1306.55
PC6-480D (E) -TANGO	Atom(TM) x5-E3930 1.6GHz, 6.5W TDP, 2MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort (64GB eMMC)	I.1306.55	I.1306.55	I.1306.55
PC6-486D-TANGO	Atom(TM) x5-E3930 1.6GHz, 6.5W TDP, 2MB LLC, CPCI 64-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1306.55	I.1306.55	I.1306.55
PC6-680D (E) -TANGO	Atom(TM) x7-E3930 1.6GHz, 6.5W TDP, 2MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort (64GB eMMC)	I.1306.55	I.1306.55	I.1306.55
PC6-686D-TANGO	Atom(TM) x7-E3930 1.6GHz, 6.5W TDP, 2MB LLC, CPCI 64-bit/Rear I/O, 8GB DDR3L slid., DisplayPort	I.1306.55	I.1306.55	I.1306.55
PC6-686P-TANGO	Atom(TM) x7-E3930 1.6GHz, 6.5W TDP, 2MB LLC, CPCI 32-bit/Rear I/O, 8GB DDR3L slid., DisplayPort, GbE via M12	I.1306.55	I.1306.55	I.1306.55

	Available can be ordered by Article no.
	Ask for quotation. Delivery time approximately 6-8 weeks.
	Not supported.

# QNX for EKF CompactPCI CPU Boards Board Support Package and Support Overview



EKF CPU	Description	QNX- BSP and Support-Bundle		
		QNX 6.5.0 SP1	QNX 6.6.0	QNX 7.0
Product Range	CPU Boards CompactPCI Serial	Article no.	Article no.	Article no.
<b>SC1-ALLEGRO</b>	<b>Intel Core 3<sup>rd</sup> Gen i7 Prozessor with QM77, up to 16GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-H), CompactPCI-S.0 card &amp; system slot controller; Sidecard Expansion</b>	<b>1.1401.55</b>	<b>1.1401.55</b>	<b>1.1401.55</b>
SC1-041D-ALLEGRO	Celeron(TM)-1047UE 1.4GHz, 17W TDP, 2MB CACHE, 4GB DDR3 sld., DisplayPort	1.1401.55	1.1401.55	1.1401.55
SC1-080D-ALLEGRO	Celeron(TM)-1047UE 1.4GHz, 17W TDP, 2MB CACHE, 8GB DDR3 sld., DisplayPort	1.1401.55	1.1401.55	1.1401.55
SC1-280D-ALLEGRO	Core(TM) i7-3517UE 1.70GHz, 17W TDP, 4MB LLC, 8GB DDR3 sld., DisplayPort	1.1401.55	1.1401.55	1.1401.55
SC1-480D-ALLEGRO	Core(TM) i7-3555LE 2.50GHz, 25W TDP, 4MB LLC, 8GB DDR3 sld., DisplayPort	1.1401.55	1.1401.55	1.1401.55
SC1-680D-ALLEGRO	Core(TM) i7-3612QE 2.10GHz, 35W TDP, 6MB LLC, 8GB DDR3 sld., DisplayPort	1.1401.55	1.1401.55	1.1401.55
SC1-680V-ALLEGRO	Core(TM) i7-3612QE 2.10GHz, 35W TDP, 6MB LLC, 8GB DDR3 sld., VGA	1.1401.55	1.1401.55	1.1401.55
<b>SC2-PRESTO</b>	<b>Intel Core 4<sup>th</sup> Gen i7 Prozessor with QM87, up to 16GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-H), CompactPCI-S.0 card &amp; system slot controller; Sidecard Expansion</b>	<b>1.1402.55</b>	<b>1.1402.55</b>	<b>1.1402.55</b>
SC2-080D-PRESTO	Celeron(TM)-2002E 1.5GHz, 25W TDP, 2MB LLC, 8GB DDR3L sld., DisplayPort	1.1402.55	1.1402.55	1.1402.55
SC2-180D-PRESTO	Core(TM) i3-4110E 2.6GHz, 37W TDP, 3MB LLC, 8GB DDR3L sld., DisplayPort	1.1402.55	1.1402.55	1.1402.55
SC2-280D-PRESTO	Core(TM) i5-4422E 1.8GHz, 25W TDP, 3MB LLC, 8GB DDR3L sld., DisplayPort	1.1402.55	1.1402.55	1.1402.55
SC2-480D-PRESTO	Core(TM) i5-4400E 2.7GHz, 37W TDP, 3MB LLC, 8GB DDR3L sld., DisplayPort	1.1402.55	1.1402.55	1.1402.55
SC2-680D-PRESTO	Core(TM) i7-4700EQ 1.7GHz QC 47W TDP, 6MB LLC, 8GB DDR3L sld., DisplayPort	1.1402.55	1.1402.55	1.1402.55
<b>SC3-LARGO</b>	<b>Intel Core 5<sup>th</sup> Gen i7 Prozessor with QM87, up to 24GB DDR3 SDRAM, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-H), CompactPCI-S.0 card &amp; system slot controller; Sidecard Expansion</b>	<b>1.1403.55</b>	<b>1.1403.55</b>	<b>1.1403.55</b>
SC3-630D-LARGO	Core(TM) i7-5700EQ 2.6GHz, 47W TDP, 6MB LLC, 8GB DDR3L sld., DisplayPort	1.1403.55	1.1403.55	1.1403.55
SC3-830D-LARGO	Core(TM) i7-5850EQ 2.7GHz, 47W TDP, 6MB LLC, 8GB DDR3L sld., DisplayPort	1.1403.55	1.1403.55	1.1403.55
<b>SC4-CONCERTO</b>	<b>Intel Core 6<sup>th</sup> Gen Prozessor with CM236, up to 32GB DDR4 SDRAM+ECC, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-H), CompactPCI-S.0 card &amp; system slot controller; Sidecard Expansion</b>	<b>1.1404.55</b>	<b>1.1404.55</b>	<b>1.1404.55</b>
SC4-030D-CONCERTO	Celeron(TM) G3902E, 1.6GHz, 25W, 2MB LLC, 8GB DDR4+ECC, DisplayPort	1.1404.55	1.1404.55	1.1404.55
SC4-230D-CONCERTO	Core(TM) i3-6102E, 1.9GHz, 25W, 8MB LLC, 8GB DDR4+ECC, DisplayPort	1.1404.55	1.1404.55	1.1404.55
SC4-430D-CONCERTO	Xeon(TM) E3-1505L v5 2.0/2.8GHz, 25W, 8MB LLC, 8GB DDR4+ECC, DisplayPort	1.1404.55	1.1404.55	1.1404.55
SC4-630D-CONCERTO	Xeon(TM) E3-1505M v5 2.8/3.7GHz, 45/35W, 8MB LLC, 8GB DDR4+ECC, DisplayPort	1.1404.55	1.1404.55	1.1404.55
SC4-640D-CONCERTO	Xeon(TM) E3-1505M v5 2.8/3.7GHz, 45/35W, 8MB LLC, 16GB DDR4+ECC, DisplayPort	1.1404.55	1.1404.55	1.1404.55
<b>SC5-FESTIVAL</b>	<b>Intel Core 6<sup>th</sup> Gen Prozessor with CM236, up to 32GB DDR4 SDRAM+ECC, 2x Gigabit-ETH, 2x USB 3.0 Graphics Port (DisplayPort/VGA/DVI-H), CompactPCI-S.0 card &amp; system slot controller; Sidecard Expansion</b>	<b>1.1405.55</b>	<b>1.1405.55</b>	<b>1.1405.55</b>
SC5-430D-FESTIVAL	Xeon(TM) E3-1505L v6 2.2/3.0GHz, 25W, 8MB LLC, 8GB DDR4+ECC, DisplayPort	1.1405.55	1.1405.55	1.1405.55
SC5-630D-FESTIVAL	Xeon(TM) E3-1505M v6 3.0/4.0GHz, 45W/35W, 8MB LLC, 8GB DDR4+ECC, DisplayPort	1.1405.55	1.1405.55	1.1405.55
SC5-640D-FESTIVAL	Xeon(TM) E3-1505M v6 3.0/4.0GHz, 45W/35W, 8MB LLC, 16GB DDR4+ECC, DisplayPort	1.1405.55	1.1405.55	1.1405.55

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