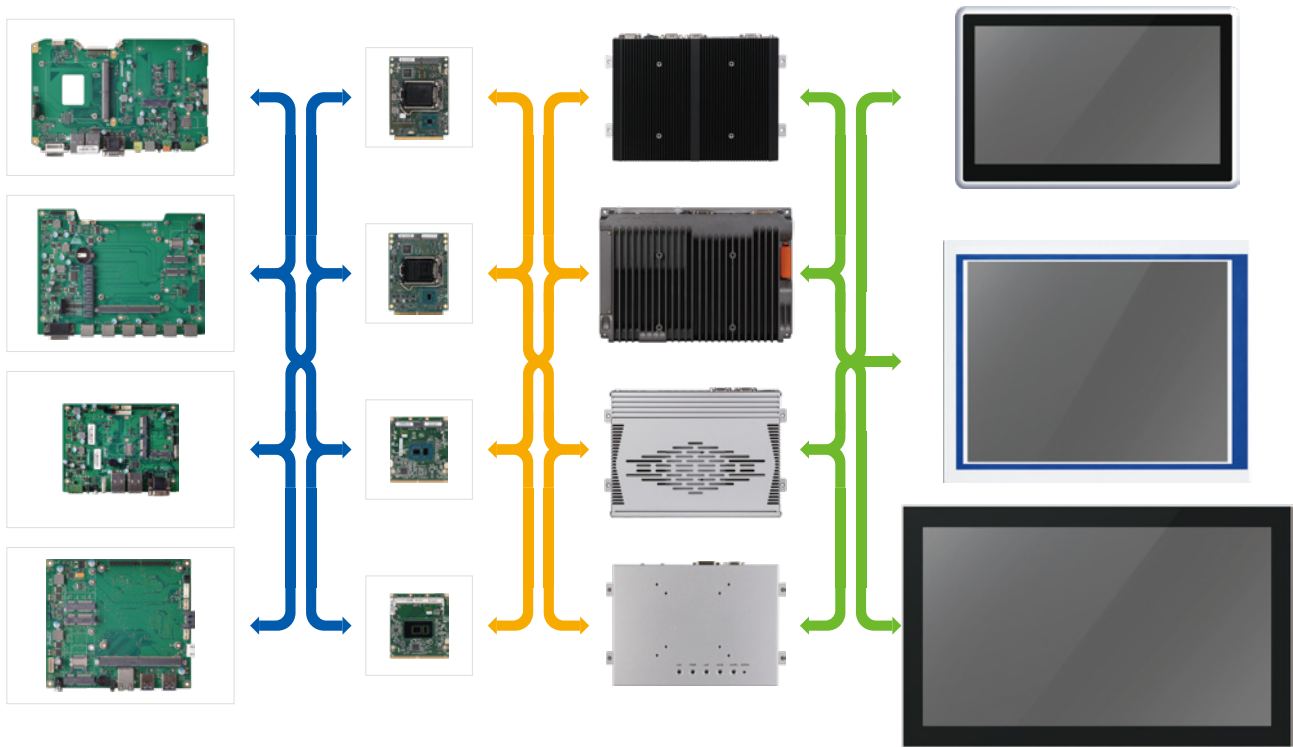


The background of the slide is a blue-tinted photograph of an industrial panel PC. A large, semi-transparent blue circle is overlaid on the image, and a checkered pattern is visible in the lower-left corner of the circle. The text 'KEEP IMPROVING AND MAKING BETTER PANEL PC' is centered within the circle.

**KEEP IMPROVING AND MAKING
BETTER PANEL PC**

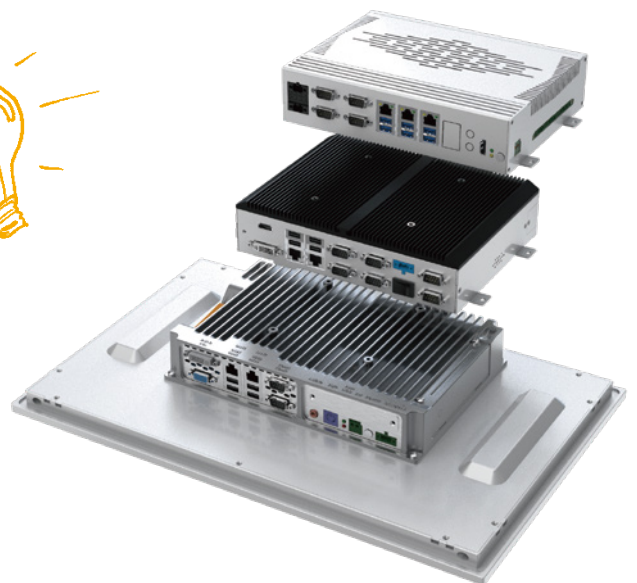
- COMLAC INSIDE
- INDUSTRIAL OPERATION PANEL
- INDUSTRIAL MONITOR & PANEL PC
- EMBEDDED INDUSTRIAL COMPUTER
- CONTROL CABINET AUTOMATION PC

COMLAC design & Modular Panel PC/Monitor



*Bezel Free Capacitive touch screen module
Customized YOUR Panel Color Style*

- *Easy maintenance*
- *Easy for replacement with different modules*
- *Variety modules and I/O plate with flexible customization Integration of multiple functions*



TouchScreen Type	Screen Size	XXX2	XXX3	XXX4
Resistive Touchscreen  TPC6000-A Series	8"	TPC6000-A082	-	-
	10.4"	TPC6000-A102	TPC6000-A103	TPC6000-A104
	12.1"	TPC6000-A122 TPC6000-D122	TPC6000-A123 TPC6000-D123	TPC6000-A124 TPC6000-D124
	15"	TPC6000-A152 TPC6000-D152	TPC6000-A153 TPC6000-D153	TPC6000-A154 TPC6000-D154
Capacitive Touchscreen  TPC6000-D Series	15.6"	TPC6000-D1562	TPC6000-D1563	TPC6000-D1564
	17"	TPC6000-A172 TPC6000-D172	TPC6000-A173 TPC6000-D173	TPC6000-A174 TPC6000-D174
	19"	TPC6000-A192	TPC6000-A193	TPC6000-A194
	21.5"	TPC6000-A2152	TPC6000-A2153	TPC6000-A2154

TouchScreen Type	Screen Size	XXX2	XXX3	XXX4	BXXX-C2
Capacitive Touchscreen  TPC6000-C Series	10.1"	-	-	-	TPC6000-B101-C2
	10.4"	TPC6000-C102	TPC6000-C103	TPC6000-C104	-
	12.1"	TPC6000-C122	TPC6000-C123	TPC6000-C124	TPC6000-B121-C2
	12.5"	-	-	-	TPC6000-B125-C2
Capacitive Touchscreen  TPC6000-BXXX-C2 Series	15"	TPC6000-C152	TPC6000-C153	TPC6000-C154	TPC6000-B150-C2
	15.6"	TPC6000-C1562	TPC6000-C1563	TPC6000-C1564	TPC6000-B156-C2
	17"	TPC6000-C192	TPC6000-C193	TPC6000-C194	-
	18.5"	TPC6000-C1852	TPC6000-C1853	TPC6000-C1854	-
	19"	TPC6000-C192	TPC6000-C193	TPC6000-C194	TPC6000-B190-C2
	21.5"	TPC6000-C2152	TPC6000-C2153	TPC6000-C2154	TPC6000-B215-C2



XXX2



XXX3



XXX4



BXXX-C2

Model No.	XXX2
Processor	CPU
	Onboard Intel® Celeron® J1900
	Main Frequency
	Quad core 2.0GHz
	L3 Cache
	2MB
I/O	Chipset
	Intel Bay trail SOC
	Memory
	1×DDR3L-1333, max 8GB
	Storage interface
	1×2.5" SATA bay + 1×mSATA
OS	Ethernet
	2×Realtek 1000Mbps RJ-45 with surge protection, lightning protection design and 15KV ESD protection
	Audio
	Optional
	USB
	1×USB3.0 / 2.0 / 1.1, 3×USB2.0 / 1.1
Power	COM
	1×RS232 / 485 (COM1), 5×RS232 (Optional 2×RS485, RS485 support automatic flow control)
	Expansion slot
	1×Mini-PCle slot, extensible 3G, WIFI wireless card
	I/O port
	VGA / HDMI / 2×GLAN / 4×USB / 6×COM
Environmental	OS
	Windows 7, Windows 7 Embedded, Windows 8, Windows 10, Linux, VxWorks, QNX
	Power
	DC input
	DC 12V, support reverse polarity protection, +9~+30V (Option)
	Work Temperature
	-20 ~ 60°C (-4~140°F)(Wide temperature SSD) / 0 ~ 45°C (32~113°F)(General temperature HDD/SSD)
	Storage Temperature
Environmental	-30 ~ 80°C (-22~176°F)
	Relative Humidity
	5 ~ 95% RH@40°C (Non-condensation)
	Vibration
	Operating Random Vibration Test 5~500Hz, 1.5Grms@with SSD, follow IEC 60068-2-64
	Shock
Environmental	Operating 20G peak acceleration (11ms duration), follow IEC 60068-2-27
	EMC
Environmental	CE/FCC Class B
	Water-proof
	Front panel IP65

Model No.		XXX3
Processor	CPU	Intel® Celeron® J1900 / J6412 / i5 7200U
	Main Frequency	J1900: Quad core 2.0GHz / J6412: Quad core 2.0GHz / 7200U: Dual Core 2.5GHz
	L3 Cache	J1900: 2MB/J6412: 1.5MB/7200U: 3MB
	Chipset	Integrated PCH-LP
	Memory	1×DDR3L-1600MHz, max 8GB / 1×DDR4-2400MHz, max 16GB
	Storage interface	1×2.5" SATA bay + 1×mSATA
I/O	Ethernet	2×Intel 1000Mbps RJ-45 with surge protection, lightning protection design and 15KV ESD protection
	Audio	Optional
	USB	4×USB3.0 / 2.0 / 1.1
	COM	2×RS232 / RS485 with surge protection, RS485 support automatic flow control
	Expansion slot	1×Mini-PCIe slot, extensible 3G, WIFI wireless card; 1×EasyBUS slot (can add additional 2×COM, 8DIO or 2×USB)
	I/O port	DVI-D / 2×GLAN / 4×USB / 2×COM / 2×PS2 / Line-out / Mic-in
OS	OS	Windows 7, Windows 7 Embedded, Windows 8, Windows 10, Linux, VxWorks, QNX
Power	DC input	DC 12~24V±10% , support reverse polarity protection, overvoltage protection, overcurrent protection
Environmental	Work Temperature	-20 ~ 60°C (-4~140°F)(Wide temperature SSD) / 0 ~ 45°C (32~113°F)(General temperature HDD/SSD)
	Storage Temperature	-30 ~ 80°C (-22~176°F)
	Relative Humidity	5 ~ 95% RH@40°C (Non-condensation)
	Vibration	Operating Random Vibration Test 5~500Hz, 1.5Grms@with SSD, follow IEC 60068-2-64
	Shock	Operating 20G peak acceleration (11ms duration), follow IEC 60068-2-27
	EMC	CE/FCC Class B
	Water-proof	Front panel IP65

Model No.		XXX4
Processor	CPU	Intel® Core™ 6/7/8/10/11th i7/i5/i3 , Pentium® and Celeron® CPU. Max.65W TDP
	BIOS	AMI UEFI 64Mbit
	Chipset	H110/H510
	Memory	DDR4-2400 MHz, 2×SO-DIMM Slot, Up to 32GB
	Storage interface	1×M.2 (M Key 2280 PCIe Gen3×4 Lane) + 1×mSATA
I/O	Ethernet	3×Intel 10/100/1000Mbps controller (option 5×LAN ports)
	USB	4×USB3.0 / 2×USB2.0
	COM	4×RS232 / RS485 Interface with surge protection, RS485 support automatic flow control
	Expansion slot	1×Mini-PCIe slot, extensible 3G, WIFI wireless card
	I/O port	8DI + 8DO Wet contact input (24V) , OC gate output (24V 300mA)
OS	OS	Windows 7, Windows 7 Embedded, Windows 8, Windows 10, Linux, VxWorks, QNX
Power	DC input	DC 12~24V±10% , Support reverse connection protection, over voltage protection, over current
Environmental	Work Temperature	-20 ~ 60°C (-4~140°F)(Wide temperature SSD) / 0 ~ 45°C (32~113°F)(General temperature HDD/SSD)
	Storage Temperature	-30 ~ 80°C (-22~176°F)
	Relative Humidity	5 ~ 95% RH@40°C (Non-condensation)
	Vibration	Operating Random Vibration Test 5~500Hz, 1.5Grms@with SSD, follow IEC 60068-2-64
	Shock	Operating 20G peak acceleration (11ms duration), follow IEC 60068-2-27
	EMC	CE/FCC Class B
	Water-proof	Front panel IP65

Model No.		BXXX-C2
Processor	CPU	Intel® Celeron® J1900 / i5-7200U
	Main Frequency	J1900: Quad Core 2GHz / 7200U: Dual Core 2.5 GHz
	L3 Cache	J1900: 2MB/7200U: 3MB
	Chipset	Bay Trail/Integrated PCH-LP
	Memory	Support DDR3L 1333 MHz, 1×240-pin SO-DIMM Slot, Up to 8GB
	Storage interface	1×mSATA
I/O	Ethernet	Intel i210, i211 or i225 Gbe LAN controller, RJ-45
	Audio	-
	USB	1×USB3.0, 3×USB2.0
	COM	2×RS-232, optional RS-485, interface with surge protection
	Expansion slot	1×Mini-PCIe slot, extensible 3G, WIFI wireless card; 1×EasyBUS slot
	I/O port	2×GLAN / 4×USB / 2×COM / DC-in / HDMI
OS	OS	Windows 7, Windows 8, Windows 10, Linux
Power	DC input	DC 12~24V
Environmental	Work Temperature	-10 ~ 50°C (-14~122°F) (Wide temperature SSD)
	Storage Temperature	-20 ~ 70°C (-4 ~ 158°F)
	Relative Humidity	10~95% RH@40°C, Non condensing
	Vibration	Operating Random Vibration Test 5~500Hz, 1.5Grms@with SSD, follow IEC 60068-2-64
	Shock	Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27
	EMC	CE/FCC Class B
	Water-proof	Front panel IP65

Flexible Design Automation PC

Basic PC

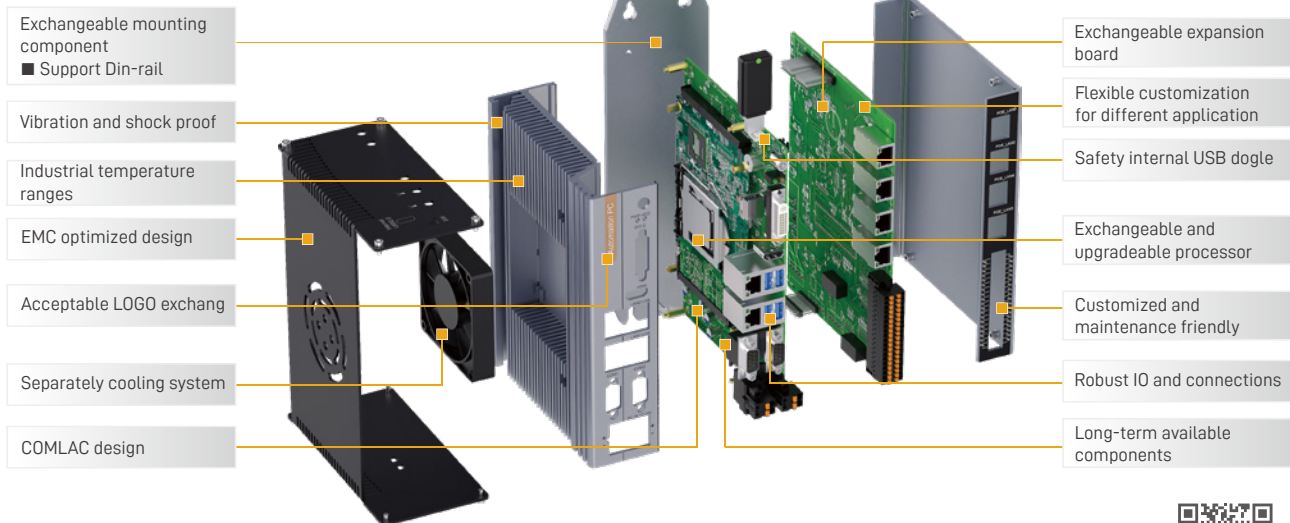


7 Basic PC options

Add-on Module



Expansion Model



Download
Automation PC catalog



More than 17 Add-on Models available

NP-61XX-H1



4×Intel® GbE PoE LAN
8×DI, 8×DO
4×PWM Light power control

NP-61XX-H1BP



4×Intel® GbE PoE LAN
16×DI, 16×DO

NP-61XX-JH2



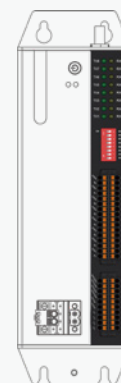
2×Intel® GbE PoE LAN
8×DI, 8×DO
4×PWM Light power control

NP-61XX-JH3



4×USB2.0
2×RS232/485
8×DI, 8×DO

NP-61XX-JH4



8×RS485
8×DI, 4×Relay DO

NP-61XX-CAN2



2×CAN Bus 2.0 A/B

ICP/IDP Series - Operation Panel PC and Monitor

CPU option:

Intel® Celeron™ J6412/J1900/

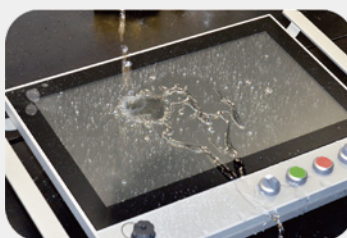
Intel® Core® i5 7200U



More Detail



Multi and Glove Touch



Full IP65 Compliant



A wide range of connectors are available
Compatible with Rittal CP40



Long-distance Transmission Solution

UP TO 100 METERS

(COM/USB/DVI)
RJ45 CAT6 cable (RJ45 port)



NODKA Monitor
(Integrated eLINK-RVL)



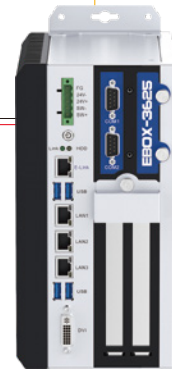
More Detail



UPS NP-6310-A

DC_IN

DC_OUT



eBOX-3625
(Integrated eLINK-200)

HDBaseT Box Image transmission

- Over up to 100 m
- Transmitter eLINK-200 and Receiver eLINK-RVL
- Passive cooling without fans



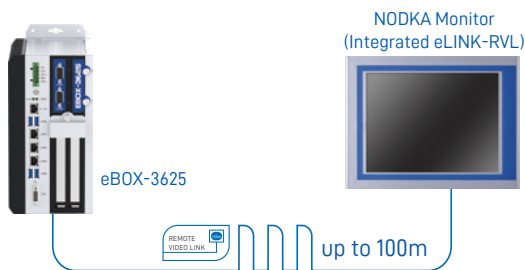
eLINK-RVL



eLINK-200

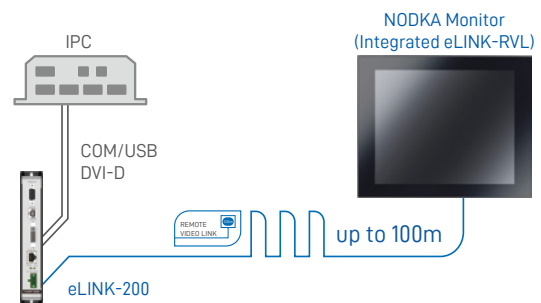
01

eBOX-3625 + NODKA Monitor



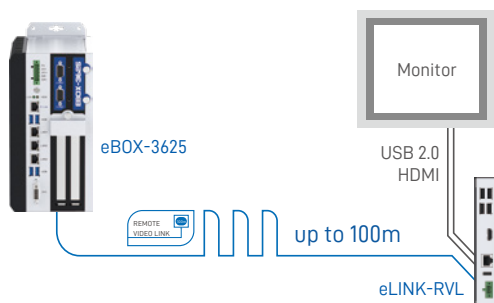
02

IPC + eLINK-200 + NODKA Monitor



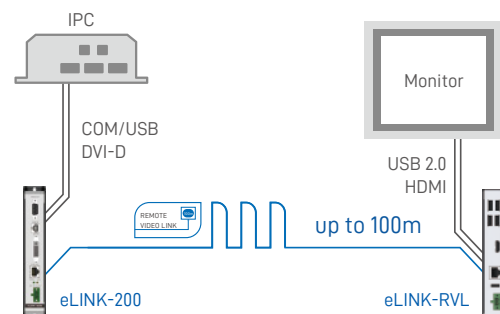
03

eBOX-3625 + eLINK-RVL + Monitor



04

IPC + eLINK-200 + eLINK-RVL + Monitor





23+
Focus on Industrial
Computer Hardware

Best-selling Countries
30+

5000+
Partners and Clients

YOUR FUTURE AUTOMATION COMPUTING SOLUTIONS

Manufacturing: One-Stop OEM, ODM, EMS

Offering: 8"-27" Panel Pc, Monitor, Stainless Steel Panel Pc,
Button Panel, Industrial Computer



Capabilities

- 45000 sq.m. manufacturer(SMT,Precision Machinery, Assembly,Paiting...)
- OEM/ODM Service: 30~40 Days for a new design
- Offer located service in European market
- Fastest Delivery Time: 7 Days
- 417 employees, 15% R&D Staff
- Without MOQ limited

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