BOXTEC

K Series
Embedded Industrial Panel PC's 10"- 32"

10.1" - 32"

Product Overview

Whether you are looking for panel PC solutions for mission critical or non-critical environments, Box Technologies understand the importance of providing the optimal panel PC system that suits an array of applications and is fit for purpose with industrial connectivity options.

The K Series is available in a range of sizes from a 10" through to a large 32" and a multi-functional touch panel, designed and manufactured for their reliability, accuracy, hygiene, performance efficiency and cost-effectiveness. The broad features of this industrial series, including complete connectivity, makes this fit for purpose solution ideal for interactive information, digital signage, kiosk and medical environments.

Features

- Industrial range of screens is available; 10" through to 32"
- **IP65** IP65 rated, dust resistant P-Cap touch for use in demanding environments
- Designed for demanding environments with low energy, highly efficient fanless Intel quad core J1900 or Intel Skyline Core i5 processor options
- **ai** Diecast Aluminium. IP- rated sealed chassis
- **Wi-FI** Peripheral options available – WIFI/BT, Device Box (options for barcode reader, msr and smart card.
- Multiple full connectivity

Android 7.1 variant available upon request

K755 10.1"		D36	D86U
Motherboard	Processor	Intel Bay Trail CPU Celeron J1900 2.4GHz	Intel Skylake U CPU Celeron 3955U, i3-6100U
	Chipset	CPU Integrated	
	System Memory	1x DDR3L 1066/1333MHz SO-DIMM up to 8GB	1x DDR3L 1600MHz SO-DIMM up to 8GB
	Storage Device	1x 2.5" SATA HDD or SSD or SSD module	1x 2.5" SATA HDD or SSD or SSD module
	Graphic Engine	Intel HD Graphics	
LCD Touch Panel	LCD Size	10.1" (16:10 ratio)	
	Touch Screen	True-Flat PCAP Touch	
	Brightness	400 nits	
	Resolution	1920 x 1200	
Expansion	Mini PCI-E Socket	1	
External I/O Ports	USB	1x USB3.0, 4x USB2.0	
	Serial Port	3x RJ48 (with DB9 convert cable)	
	LAN	1x RJ45	
	Audio Jack	1x Line-out, 1x Mic-in	
	VGA	1x DB15	
Audio	Internal Speaker	2x 2W	
Power	Power Adapter	65W / 19V	
	Connector	4-pole DIN (with latch)	
Peripherals (optional)	Built-in Webcam	2MP (Built-in)	
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (Option)	
	MSR	3-Track MSR (USB) (Option)	
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in (Option)	
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	
	Medical	EN 60601-1, UL 60601-1 3rd Edition	
Environment	Ventilation	Fanless	
	Dust & Water Proof	Front IP65	
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Humidity	20% ~ 85% RH non-condensing	
Weight and Dimensions	Weight (kg)	1.5 kg (3.3 lbs)	
	Dimensions W x H x D	262 x 38 x 170 mm (10.4" x 1.5" x 6.7")	
Operating Systems	Supported OS	Windows 7 (64bit), POSReady 7 (64bit), Windows 8.1 (64bit), Windows Embedded 8.1 Industry (64bit), Windows 10 (64bit), Windows 10 IoT Enterprise (64bit), Linux	
Mounting		VESA Mount 75 X 75	

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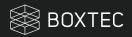Box Technologies Norway
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BT04-BRC-K750-01

K757 15.6"		D86U	D36
Motherboard	Processor	Intel Skylake U CPU Celeron 3955U, i3-6100U, i5-6300U	Intel Bay Trail CPU Celeron J1900 2GHz
	Chipset	CPU Integrated	
	System Memory	1x DDR3L 1600MHz SO-DIMM up to 8GB	1x DDR3L 1066/1333MHz SO-DIMM up to 8GB
	Storage Device	1x 2.5" SATA HDD or SSD or SSD module	
	Graphic Engine	Intel HD Graphics	
LCD Touch Panel	LCD Size	15.6" (16:9 ratio)	
	Touch Screen	220 nits	
	Brightness	1366 x 768	
	Resolution	True-Flat Resistive or PCAP Touch	
Expansion	Mini PCI-E Socket	1	
External I/O Ports	USB	4x USB3.0, 2x USB2.0	1x USB3.0, 4x USB2.0
	Serial Port	4x RJ48 (with DB9 convert cable)	
	LAN	2x RJ45	
	Audio Jack	1x Line-out, 1x Mic-in	1x Line-out
	VGA	1x DB15	
	DVI	1x DVI-D (Option)	
Audio	Internal Speaker		2x 2W
Power Supply	Power Adapter	65W / 19V	
	Wide Range Power Input	12-48V (i3, i5 CPU only)	12-48V
	Connector	4-pole DIN (with latch)	
Peripherals (optional)	Built-in Webcam	2MP (built-in)	
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (either 2nd LAN or WiFi + BT) (Option)	802.11 b/g/n WLAN card + BT 4.0 (option)
	MSR	3-Track MSR (USB) (Option)	
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in (Option)	
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	
	Medical	EN 60601-1, UL 60601-1 3rd	
Environment	Ventilation	Fanless	
	Dust & Water Proof	Front IP65	
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Humidity	20% ~ 85% RH non-condensing	
Weight and Dimensions	Weight (kg)	4.5kg (9.9 lbs)	
	Dimensions W x H x D	396 x 48 x 245 mm (15.6" x 1.9" x 9.6")	
Operating Systems	Supported OS	Windows 7 (64bit), POSReady 7 (64bit), Windows 8.1 (64bit), Windows Embedded 8.1 Industry (64bit), Windows 10 (64bit), Windows 10 IoT Enterprise (64bit), Linux	Windows 7 (32/64bit), Windows 8.1 (32/64bit), Windows 10 (64bit), Linux
Mounting		VESA Mount 75 x 75	

K758 18.5"		D36*	D86U
Motherboard	Processor	Intel Bay Trail CPU Celeron J1900 2GHz	Intel Skylake U CPU Celeron 3955U, i3-6100U, i5-6300U
	Chipset	CPU Integrated	
	System Memory	1x DDR3L 1066/1333MHz SO-DIMM up to 8GB	1x DDR3 1333/1600MHz SO-DIMM up to 8GB
	Storage Device	1x 2.5" SATA HDD or SSD	
	Graphic Engine	Intel HD Graphics	
LCD Touch Panel	LCD Size	18.5" (16:9 ratio)	
	Touch Screen	250 nits	
	Brightness	1366 x 768	
	Resolution	True-Flat PCAP Touch	
Expansion	Mini PCI-E Socket	1	
External I/O Ports	USB	1x USB3.0, 4x USB2.0	2x USB3.0, 4x USB2.0
	Serial Port	4x RJ48 (with DB9 convert cable)	
	LAN	2x RJ45	
	Audio Jack	1x Line-out	1x Line-out, 1x Mic-in
	VGA	1x DB15	
	DVI	1x DVI-D (Option)	
Audio	Internal Speaker	2 x 2W	
Power Supply	Power Adapter	65W / 19V	
	Wide Range Power Input	12-48V	12-48V (i3, i5 CPU Only)
	Connector	4-pole DIN (with latch)	
Peripherals (optional)	Built-in Webcam	2MP (Built-in)	
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (Option)	
	MSR	3-Track MSR (USB) (Option)	
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in (Option)	
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	
Environment	Ventilation	Fanless	
	Dust & Water Proof	Front IP65	
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Humidity	20% ~ 85% RH non-condensing	
Weight and Dimensions	Weight (kg)	6.8kg (15 lbs)	
	Dimensions W x H x D	464 x 48 x 284 mm (18.3" x 1.9" x 11.2")	
Operating Systems	Supported OS	Windows 7 (32/64bit), Windows 8.1 (32/64bit), Windows 10 (32/64bit), Linux	
Mounting		VESA Mount 75 x 75	

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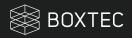Box Technologies Norway
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BT04-BRC-K750-01

K759 21.5"		D36	D86U
Motherboard	Processor	Intel Bay Trail CPU Celeron J1900 2GHz	Intel Skylake U CPU Celeron 3955U, i3-6100U, i5-6300U
	Chipset	CPU Integrated	
	System Memory	1x DDR3L 1066/1333MHz SO-DIMM up to 8GB	1x DDR3 1600MHz SO-DIMM up to 8GB
	Storage Device	1x 2.5" SATA HDD or SSD	
	Graphic Engine	Intel HD Graphics	
LCD Touch Panel	LCD Size	21.5" (16:9 ratio)	
	Touch Screen	250 nits	
	Brightness	1920 x 1080	
	Resolution	True-Flat PCAP Touch	
Expansion	Mini PCI-E Socket	1	
External I/O Ports	USB	1x USB3.0, 4x USB2.0	4x USB3.0, 2x USB2.0
	Serial Port	4x RJ48 (with DB9 convert cable)	
	LAN	2x RJ45	
	Audio Jack	1x Line-out	1x Line-out, 1x Mic-in
	VGA	1x DB15	
	DVI	1x DVI-D (Option)	
Audio	Internal Speaker	2 x 2W	
Power	Power Supply	90W / 19V	
	Connector	4-pole DIN (with latch)	
Peripherals (optional)	Built-in Webcam	2MP (Built-in)	
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (Option)	
	MSR	3-Track MSR (USB) (Option)	
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in (Option)	
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	
Environment	Ventilation	Fanless	
	Dust & Water Proof	Front IP65	
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Humidity	20% ~ 85% RH non-condensing	
Weight and Dimensions	Weight (kg)	8kg (17.6 lbs)	
	Dimensions W x H x D	536 x 48 x 328 mm (21.1" x 1.9" x 12.9")	
Operating Systems	Supported OS	Windows 7 (64bit), Windows 8.1 (64bit), Windows Embedded 8.1 Industry (64bit), Windows 10 (64bit), Windows 10 IoT Enterprise (64bit), Linux	
Mounting		VESA Mount 75 x 75	

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K75A 24"		D86U	D35
Motherboard	Processor	Intel Skylake U CPU Celeron 3955U, i3-6100U, i5-6300U	Intel Bay Trail CPU Celeron J1900 2.4GHz
	Chipset	CPU Integrated	
	System Memory	1x DDR3L 1600MHz SO-DIMM up to 8GB	1x DDR3L 1066/1333MHz SO-DIMM up to 8GB
	Storage Device	1x 2.5" SATA HDD or SSD or SSD module	
	Graphic Engine	Intel HD Graphics	
LCD Touch Panel	LCD Size	24" (16:9 ratio)	
	Touch Screen	250 nits	
	Brightness	1920 x 1080	
	Resolution	True-Flat PCAP Touch	
Expansion	Mini PCI-E Socket	1	
External I/O Ports	USB	4x USB, 3.0, 2x USB2.0	4x USB2.0
	Serial Port	4x RJ48 (with DB9 convert cable)	2x DB9
	LAN	2x RJ45	
	Audio Jack	1x Line-out, 1x Mic-in	
	VGA	1x DB15	NA
	DVI	1x DVI-D (Option)	
Audio	Internal Speaker	2 x 3W	
Power	Power Supply	90W / 19V	
	Wide Range Power Input	12-48V (i3, i5 CPU only)	12-48V
	Connector	4-pole DIN (with latch)	
Peripherals (optional)	Built-in Webcam	5MP (Built-in)	
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (either 2nd LAN or WiFi + BT) (Option)	802.11 b/g/n WLAN card + BT 4.0 (Option)
	MSR	3-Track MSR (USB) (Option)	
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in (Option)	
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	
	Medical	N/A	
Environment	Ventilation	Fanless	
	Dust & Water Proof	Front IP65	
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Humidity	20% ~ 85% RH non-condensing	
Weight and Dimensions	Weight (kg)	7kg (15.4 lbs)	
	Dimensions W x H x D	588 x 50 x 356 mm (23.1" x 1.96" x 14.0")	
Operating Systems	Supported OS	Windows 7 (64bit), POSReady 7 (64bit), Windows 8.1 (64bit), Windows Embedded 8.1 Industry (64bit), Windows 10 (64bit), Windows 10 IoT Enterprise (64bit), Linux	Windows 7 (32/64bit), Windows 8.1 (32/64bit), Windows 10 (64bit), Linux
Mounting		VESA Mount 75 x 75	

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BT04-BRC-K750-01

K75C 32"		D85S
Motherboard	Processor	Intel Skylake S CPU
	Chipset	Intel Q170
	System Memory	2x DDR3L 1600MHz SO-DIMM (max. 16GB)
	Memory Socket	1x 2.5" SATA HDD or SSD
	Graphic Engine	Intel HD Graphics
LCD Touch Panel	Resolution	32" (16:9 ratio)
	Brightness	500 nits
	LCD Size	1920 x 1080
	Touch Screen	True-Flat PCAP Touch
Expansion	Mini PCI-E Socket	1
External I/O Ports	USB	4x USB3.0, 2x USB2.0
	Serial Port	3x RS232, 1x RS232/422/485
	LAN	2x GbE
	Audio Jack	1x Line-out, 1x Mic-in
	VGA	1x DB15
	Display Port	1
Audio	Internal Speaker	2 x 3W
Power	Power Input	100 ~ 240VAC, 50/60Hz
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0
	MSR	3-Track MSR (USB)
	Device Box	Smart IC Card Reader, RFID, Scanner, Line-out, Mic-in
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD
	Medical	N/A
Environment	Ventilation	Fan
	Dust & Water Proof	Front IP65
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 85% RH non-condensing
Weight and Dimensions	Weight (kg)	18 kg (39.7 lbs)
	Dimensions W x H x D	775 x 69.9 x 469 mm (30.5" x 2.8" x 18.5")
Operating Systems	Supported OS	Windows 7 (64bit), POSReady 7 (64bit), Windows 8.1 (64bit), Windows Embedded 8.1 Industry (64bit), Windows 10 (64bit), Windows 10 IoT Enterprise (64bit), Linux
Mounting		VESA Mount 200 x 200

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BT04-BRC-K750-01

Configs with Pricing

Box SKU	Discription	Cost Price
K755 10.1"		
PPC-FLY-755-001		£XX (Sea Freight)
PPC-FLY-755-002		
K757 15.6"		
PPC-FLY-757-001		
PPC-FLY-757-003		
K758 18.5"		
PPC-FLY-758-001		
PPC-FLY-758-002		
K759 21.5"		
PPC-FLY-759-001		
PPC-FLY-759-003		
K75A 24"		
K75C 32"		

Peripherals

Category	Box SKU	Description	Cost Price
xxxx	xxxx	xxxx	xxx standard

Note on Pricing: Please use Access Dimensions for all xxx and peripheral pricing, the 'Sell Price' field in Access is in fact our Landed Cost (sea freight, click through to see air freight landed cost), so please use this as our base cost price (as per the above tables).

Box SKUs

Box SKUs for the K Series is constructed in the following way:

PPC-FLY-75x-xxx

Type: Terminal   Manufacturer: Flytech   Range   Specific Variants

MOQs

The K7 series is subject to an MOQ of 30 units in a single drop. This will remain in place until it becomes a run rate product.
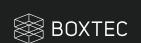
Lead Times

Standard lead time is XX weeks, but this can be reduced to 6 weeks with a forecast in place. This does not include transit - air freight will add approximately XX week, sea freight XX weeks.

Warranty

The K7 series includes X years RTB Warranty as standard (accounted for as part of landed cost).

Further Information

Please contact Marketing if you require further information regarding the above, as the product is not available on the Flytech website.