FLYTECH

KPC5

Multifunctional Box PC

Flytech's KPC5 delivers powerful computing performance with Intel® Alder Lake-N and Meteor Lake platforms. With expandable powered USB ports and a wide range of video outputs, it is the perfect embedded Box PC solution for KDS controllers, digital signage, kiosk Box PCs, POS PCs, and industrial Box PC applications.

KEY FEATURES:

- Integrated with Intel® Alder Lake-N and Meteor Lake processors
- Supports Windows, Linux, and Android operating systems
- Connects up to three displays using HDMI, USB-C, and FeDP*
- Expandable Powered USB ports
- Built-in universal VESA mounts (100mm) for limitless placement possibilities

FeDP = Flytech proprietary miniDP port

DIMENSIONS

279 mm

123 mm

31 mm

SPECIFICATIONS

	Motherboard	G35	G75U (*project-specific option)
System	Processor	Intel® Alder Lake N: N97, i3-N305	Intel® Meteor Lake Core Ultra 5 125U
	Memory	8GB DDR4	8GB DDR5
	Storage	128GB SSD (M.2)	128GB SSD (M.2)
Expansion	M.2 (E Key)	1	1
Front I/O Ports	Power Button	1	1
	HDMI*	2	2
Rear I/O Ports	USB Type-A	2 x USB3.0, 4 x USB2.0	4 x USB3.0, 2 x USB2.0
	USB Type-C	1 x USB3.0 full-functioned (DP/PD 5V/3A, 12V/3A)	1 x USB3.0 full-functioned (DP/PD 5V/3A, 12V/3A)
	FeDP*	2 x Flytech proprietary miniDP	2 x Flytech proprietary miniDP
	COM	3 x RJ48 (standard RS232) (default 0V; 5V, 12V)	3 x RJ48 (standard RS232) (default 0V; 5V, 12V)
	LAN	1 x RJ45	1 x RJ45
	Cash Drawer	1 x RJ11	1 x RJ11
	DC Jack	1 x 4PIN (with latch)	1 x 4PIN (with latch)
	Power Button	1	1

※ *Note: You can select either FeDP 1 or HDMI 1 video output on the G35/G75U motherboard.*

HDMI 2 HDMI 1   FeDP2   FeDP1

	Powered USB Board	2 x Powered USB 12V, 1 x Powered USB 24V	2 x Powered USB 12V, 1 x Powered USB 24V
Optional I/O Ports	Audio Board	2 x USB2.0 (Type-A), 1 x Mic-in, 1x Line-out	2 x USB2.0 (Type-A), 1 x Mic-in, 1x Line-out
	2nd LAN	1x RJ45	1x RJ45
Power	Power Adapter	65W / 19V (120W/19V with 2x PUSB 12V & 1x PUSB 24V)	120W / 19V
Communication	WLAN+BT	802.11 series + BT5.2 (Option)	802.11 series + BT5.2 (Option)
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	FCC Class A, CE Mark, LVD
Environment	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)	0°C ~ 35°C (32°F ~ 95°F)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 85% RH non-condensing	20% ~ 85% RH non-condensing
Mounting	VESA Mount	100 x 100 mm	100 x 100 mm
Dimensions	W x H x D	279 x 31 x 123 mm (11" x 1.2" x 4.8")	279 x 31 x 123 mm (11" x 1.2" x 4.8")
OS Supported		Windows 10 IoT Enterprise, Linux, Android 13.0	Windows 10 IoT Enterprise, Linux, Android 13.0

※ *PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE* ※

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