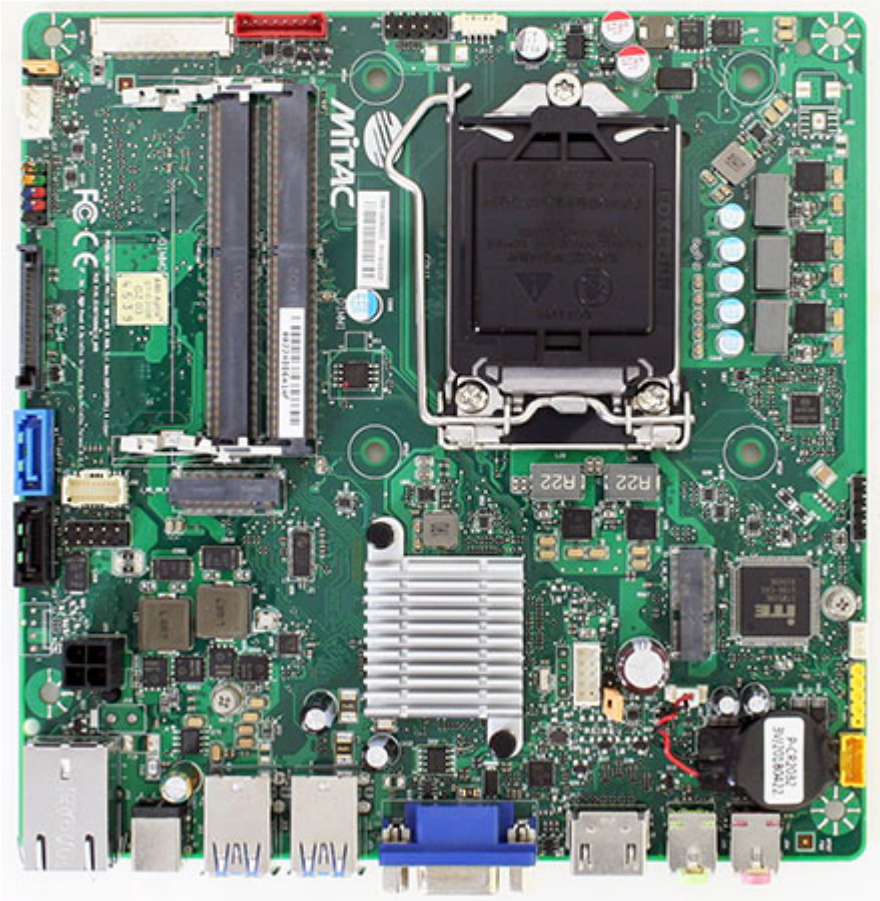

119.95 EUR
incl. 19% VAT, plus shipping

Support: BIOS

1x M.2 2230 E key + 1x M.2 2243 M key

PH11SI (PH11SI) Specifications

MECHANICAL	FORM FACTOR	Mini-ITX: 6.7" x 6.7" (170 mm x 170 mm)

SYSTEM	PROCESSOR	7 / 6th Gen Intel® Kaby Lake / Skylake LGA1151 Socket Processor, TDP Max. 65W
	CHIPSET	Intel® H110
	SYSTEM MEMORY	DDR4 1866 / 2133MHz / 2 x 260-pin SO-DIMM / Max. 32GB (Non-ECC)
	GRAPHICS	Intel® HD Graphics
	ETHERNET	Realtek® RTL8111G Giga LAN
	AUDIO	Realtek® ALC662
	I/O CHIPSET	ITE IT8519E
	TPM	Nuvoton NPCT650AAAYX TPM2.0 (Optional)
	EXPANSION SLOT	PCIe 2.0 X4 slot
	BIOS	AMI BIOS / 128 Mbit SPI
	H/W MONITOR	Temperature Monitor / Voltage Monitor / Fan Monitor
	WATCHDOG TIMER	1~255 steps by software program
	SMART FAN CONTROL	CPU Fan / System Fan
GRAPHICS	VGA	Up to 1920 x 1200 @60 Hz
	HDMI	Up to 4K (3840 x 2160) @30 Hz
	DISPLAYPORT	-
	LVDS	Up to 1920 x 1200 @60 Hz
	eDP (Option)	Up to 4K (4096 x 2304) @60 Hz
REAR I/O	USB	4 x USB 3.0
	DISPLAY I/O	1 x HDMI 1.4 / 1 x VGA
	AUDIO I/O	1 x Mic-in / 1 x Line-out
	LAN I/O	1 x RJ-45
	SERIAL PORT	-
	PS/2 PORT	-
	OTHERS	DC-in 19V (5.1 mm / ID, 7.4 mm / OD)
INTERNAL CONNECTORS	STORAGE	2 x SATAIII
	USB	5 x USB 2.0
	DISPLAY I/O	1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector
	AUDIO I/O	1 x Line-out
	SERIAL PORT	-
	PARALLEL PORT	-
	GPIO	-
	FAN	1 x 4-pin CPU Fan Header
	POWER	1 x AT / ATX Mode Select Jumper / 1 x 19V ATX Power Connector
	OTHERS	1 x CMOS Jumper
POWER REQUIREMENT	POWER INPUT	DC-in 12V (2.5 mm / ID, 5.5 mm / OD) / ATX 4-pin 12V
ENVIRONMENTAL	OPERATING TEMPERATURE	0 ~ 60°C (32 ~140°F)
	STORAGE TEMPERATURE	-20 ~ 70°C (-4 ~158°F)
	OPERATING HUMIDITY	10% ~ 95% R/H (Non-condensing)
	CERTIFICATION	CE / FCC Class B

OS	OS SUPPORT
	Kaby Lake: Windows® 10 64bit, Linux (support by request) / Skylake: Windows® 7 32 / 64bit, Windows® 10 64bit, Linux (support by request)
PACKING LIST	PACKAGE
	1 x Motherboard / 2 x I/O Bracket (Half and Full Height) / 1 x Driver CD / 1 x Quick Installation Guide / 1 x 45 cm SATA Cable / 1 x 40 cm SATA Cable / 1 x 50 cm SATA&ODD Y Power Cable