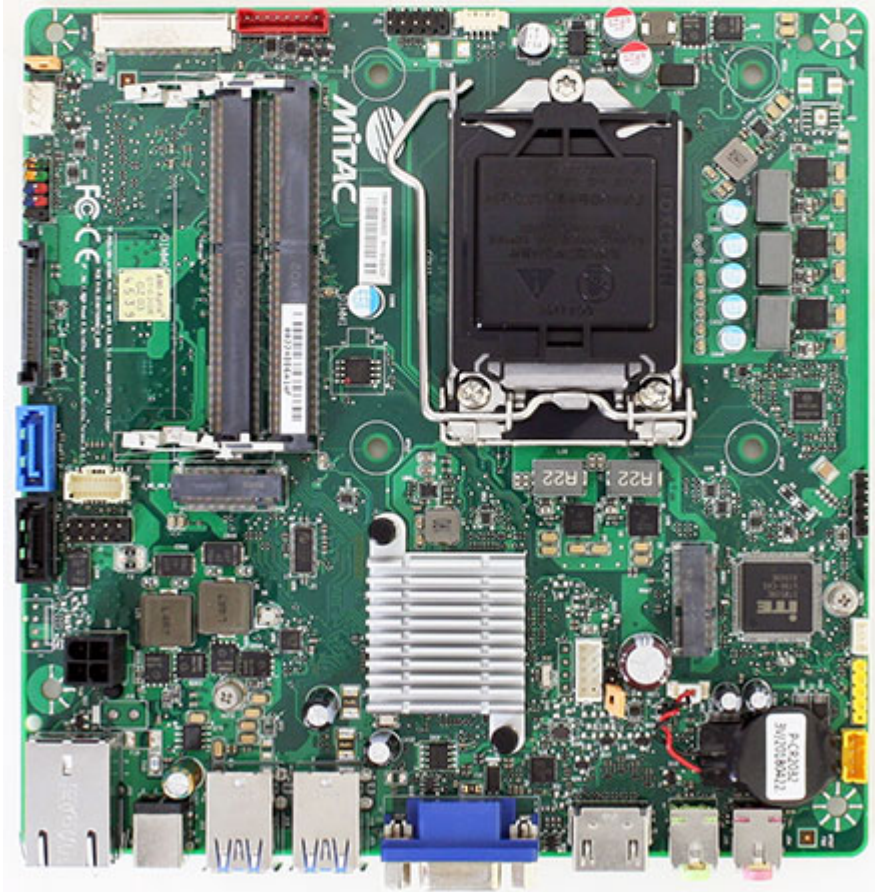




119.95 EUR
incl. 19% VAT, plus [shipping](#)



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 |
| | VGA | Up to 1920 x 1200 @60 Hz |
| GRAPHICS | 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) |
| | STORAGE | 2 x SATAIII |
| | USB | 5 x USB 2.0 |
| | DISPLAY I/O | 1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector |
| INTERNAL CONNECTORS | AUDIO I/O | 1 x Line-out |
| | SERIAL PORT | - |
| | PARALLEL PORT | - |
| | GPIO | - |
| | FAN | 1 x 4-pin CPU Fan Header 1 x AT / ATX Mode Select Jumper |
| | POWER | 1 x 19V ATX Power Connector |
| POWER REQUIREMENT | OTHERS | 1 x CMOS Jumper |
| | POWER INPUT | DC-in 12V (2.5 mm / ID, 5.5 mm / OD) / ATX 4-pin 12V |
| | OPERATING TEMPERATURE | 0 ~ 60°C (32 ~140°F) |
| ENVIRONMENTAL | 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 |