

149.95 EUR

incl. 19% VAT, plus shipping

- Intel Apollo Lake-M N4200/N3350 and Apollo Lake-I E3930/E3940/E3950 quad/dual cores processor
- Intel HD graphics and DirectX 12 support
- DDR3L with single connector for MAX. 8GB memory
- Triple independent display from HD-Out, VGA-out, and eDP / LVDS connectivity
- Features High speed dual Gigabit Ethernet connection
- Four High Speed USB3.0 ports support
- Four RS232 support, 1 supports RS-232/ 422/ 485
- One mPCIe connector for m-SATA or add-on card
- One M.2 slot for wireless expansion
- 8 V to 24 V wide-range voltage input via internal power connector

Note : Heatsink is included in standard scope of supply !

Item	Spec	Skus-D	Skus-W
Form Factor	3.5" single board computer, 4"x 5.8" (102mm x 147mm)		
Processor Chipset	Intel Apollo Lake Processor with integrated graphics	N3350 (Compatible with N4200)	E3930 (Compatible with E3940/E3950)
Main Memory	Support for DDR3L 1866 MHz SO-DIMM Support for up to 8 GB of system memory 204-pin DDR3L SO-DIMM	1	
Audio Controller	NAU8822LYG audio codec		
Expansion Capability	PCI Express Full-Length Mini Card slot (USB/PCIe/SATA) M.2 (2230) with PCIe1 and USB2.0 signal for wireless	1	
External I/O	USB3.0 HD-out VGA-out RJ45 (1 st) RJ45 (2 nd)	4 1 1 1 1	
Internal I/O	LVDS Connector (40Pin) eDP Connector (40Pin) 7-pin SATA connector	1 1 1	

	Dual-port USB2.0 header	1	
	Chassis main panel header (2x5)	1	
	BIOS Clear Header/Jumper	1	
	Audio header (front panel mic/hp)	1	
	3-pin SATA power (For DOM)	1	
	Serial Port Headers	4(one supports RS-232/422/485)	
	Jumper for AT/ATX mode	1	
	SIM Card holder	1	
	MiAPI: Programmable header (support GPIO x10, SMBUSx1, UARTx1, Watchdogx1) with API library supported for Windows OS		
S I/O Controller	NCT6104D		
LAN Support	Intel I210 (10/100/1000 Mb/s) Ethernet LAN controller	2	
BIOS	BIOS resident in a Serial Peripheral Interface (SPI) Flash device UEFI mode only (Does not support Legacy mode) Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SMBIOS)		
Hardware Management	Nuvoton NCT6104D based subsystem, including: Voltage sense to detect out of range power supply voltages Thermal sense to detect out of range thermal values		
Environment	Operating Temperature: 0°C to +70°C RH 20 ~ 90% (no condensation)	0°C to +70°C/ -40°C to 85°C (Option)	
Safety	Storage Temperature: -40°C to +85°C / RH 20 ~ 90% (no condensation) CE FCC		
Operating System	Windows 10 64bit, Linux (support by request)		