

Item no.: 392472

## UPX-ADLPi7-A10-1600 - UP Xtreme i12 Board with Intel Core i7-1270PE.16GB RAM.Rev A1.0

from **1.430,98 EUR**

Item no.: 392472  
 shipping weight: 0.30 kg  
 Manufacturer: UP Bridge the Gap



### Product Description

UP Xtreme i12. Core i7-1270PE. 16 GB RAM High-performance developer board Intel® Core™ i7/i5/i3 (formerly Alder Lake-P) and Intel® Celeron® processor SoCs of the 12th generation Intel® Iris® Xe graphics Up to 16 GB dual-channel LPDDR5 RAM With TPM 2.0 12-36V DC input 2.5GbE supports Time-Sensitive Networking (TSN) Supports Intel vPro® technology for 1GbE with i5 and i7 CPU SKUs Product details Name UP Xtreme i12. Core i7-1270PE. 16GB RAM SKU UPX-ADLPi7-A10-1600 General Processor Intel® Core™ i7-1270PE Graphics Intel® Iris® Xe Graphics VPU Optional (via M.2 2280) Memory 16GB eMMC / Memory via SATA or M.2 2280 NVMe\* FPGA Lattice BIOS UEFI RTC Yes Wake-on-LAN (WoL) Yes Watchdog Timer Yes PXE Yes TPM Equipped with TPM 2.0 Compatible operating system Windows® 10 Enterprise 2021 LTSC Ubuntu 22.04 Yokuto (undecided) Dimensions 120.35x122.5mm Display HDMI 1 x HDMI 2.0b Display Port 1 x DP 1.4a 1 x DP 1.4b via USB Type-C MIPI DSI/ eDP 1x eDP 1.4b I/O USB 2x USB 2.0 (via 10 pin wafer) 1x USB 2.0 Type A 3x USB 3.2 Gen 2 Type A 1x USB 4.0 type C Audio 1x audio socket (Mic In, Line Out) UART 1x HS UART (via 10-pin wafer) Serial port 2x RS-232/422/485 10-pin header Expansion slot 2x M.2 2280 M key (PCIe Gen4x4), 1x M.2 2230 E key (PCIe/USB) 1x M.2 3052 B Key (PCIe/USB 3.0) with nano SIM slot 40-pin GPIO header yes Connectivity Ethernet 1x GbE (Intel® i219) 1x 2.5GbE (Intel® i226T) Wi-Fi Optional (via M.2 2230) Bluetooth Optional (via M.2 2230) LTE / 4G / 5G Optional (via M.2 3052) Power Power Requirement 12-36V DC input Power Supply Type AT/ATX mode Power Consumption (Typical) Intel® Core™ i7-1270PE, LPDDR5 4800MHz 16GB, 5.86A @ +12V (typical) Environment & Certification Cooling Active heat sink Operating temperature 0??60? Storage temperature -40°F ? 176°F (-40°C ? 80°C) MTBF (hours) 362.068 Certification CE/FCC Class A, RoHS Packaging Net weight 389g Gross weight 604g Packaging dimensions (L x W x H) 229x181x97mm HS code 8473302000 Country of origin Taiwan Durability Durability 2037 Accessories Accessories 1x RTC battery 1x active heat sink

### Specifications

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 prices and availability

