

	新產品規格書	
精英電腦股份有限公司	New Product Specification	
PROJECT NAME : UP42ML		Pages: 2 of 4

SOC	Intel Meteor Lake-H series	■ Meteor Lake H baseline support
Memory	SO-DIMM DDR5 DRAM	■ DDR5 speed up to 5600MT/s ■ RAM Socket * 2 ■ Standard System DRAM Module ■ System DDR5 up to 64GB
Storage	M.2 2280 SSD	■ M.2 2280 Key M Type SSD ■ Support PCIe Gen4 NVME ■ Support 256GB/512GB/1TB
LCD		■ 14" IPS, 1920 x 1200 FHD+, NTSC45% (Anti-Glare) ■ 14" IPS, 1920 x 1200 FHD+, sRGB100% (Anti-Glare)
Audio Codec	SENARTYTECH CX11880	■ HDA Interface Audio codec ■ Stereo speaker output ■ Support Digital MIC sets
KBC/EBC	ITE IT5571	■ ACPI compliant ■ Share ROM
Card reader	Genesys GL835L	■ Micro SD socket ■ Support SDXC
dTPM 2.0 (Optional)	ST Micro ST33KTPM2XI2C	■ Power saving mode ■ SPI interface ■ Security features, TCG certified.
LAN	Realtek RTL8111H	■ 10/100/1000 support ■ Power saving mode support ■ PXE support
Wireless LAN	2x2 Combo RTL8852BE	■ M2.2230 / 802.11 2x2 (5GHz/2.4GHz dual band support) ■ PCIE interface supported ■ WLAN support (up to 2.4 Gbps)
Keyboard		■ 80Keys, 279.8*108*3.5mm ■ w/ backlit (optional) ■ CAPs lock w/ LED
Pointing Device (Touch Pad)		■ Multi-gesture function ■ 107.6 X 69.6 mm ■ Interface I2C ■ w/ fingerprint support (optional)
Battery	55whr	■ Li-Polymer Smart-Battery, soft pack, non-removable ■ 3S1P /11.55V/4656mAh/ 55Wh ■ Certification: CE/CB ■ Battery life 500 cycle capacity ≥80%
Adapter	65W	■ DC Output for Adapter :5V/3A , 9V/3A , 12V/3A ,15V/3A , 20V/3.25A ■ DC Output for System : 20V / 3.25A ■ 65 Watts, USB type C plug ■ Automatics Voltage adjustment between 100 and 240VAC ■ Input Frequency 50/60Hz ■ Surge protection

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I/O Ports	■ 1 x Type C Port (PD only) (MB) ■ 1 x HDMI 2.1 TMDS (4K@60Hz) ■ 1 x Type C Port (USB3.2 Gen 1 + PD + DP1.2 with Alt mode support) (MB) ■ 1 x combo Audio jack for microphone/headphone (MB) ■ 1 x Micro SD Card Reader (MB) ■ 1 x LAN (DB) ■ 2 x Type A Port (USB3.2 Gen 1) (DB) ■ With Kensington Lock support
System Status Indication	■ Power on status: power on/BLOCK ■ Charge status: charging/RED ; fully charged/BLOCK ■ (Charge status take priority over power on status) ■ CCD LED indicator (White)
Power Button	■ On/ Off: Programmable Power Buttons to Windows ■ Press power button down for 1 second to enter suspend mode ■ Press power button down for 4 seconds to power off system ■ LED: Blue Color
Speaker	■ Build-in 2 speakers ■ Speaker: 2W, 4Ω
Camera (RTC: Mainstream Level)	■ Default: Front camera ■ USB2.0 interface, w/ LED indicator ■ 2M w/ 2 D-MICs, MIC-array support ■ w/ privacy camera shutter
OS	■ Support Windows 11 (64bit) ■ WHLK Certification ■ Modern Standby support
System BIOS AMI	■ Support ACPI 5.0(above)
Function Key	■ Fn+F1 - Touch Pad Enable/Disable ■ Fn+F2 - Suspend ■ Fn+F3 - Mute ■ Fn+F4 - Keyboard backlight level ■ Fn+F5 - Volume down ■ Fn+F6 - Volume up ■ Fn+F7 - Switch display ■ Fn+F8 - Brightness down ■ Fn+F9 - Brightness up ■ Fn+F10 - Print Screen
Measurements	■ Dimension:313.75mm x 227.95mm x 17.65mm (w/o rubber foot) ■ Weight: 1.47kg
Form Factor	■ 180 +/- 5 degree Clamshell
Battery Life	■ Battery Charger time: 1 hour (Power off, 80% (+/- 5%) battery full w/ 65W adapter) ■ Battery life: 9.5 hours in 55W battery, with Mobilemark2025 (SKU: ultra 7 (15W) / LCD FHD+ / 8GB / 256GB PCIE SSD)

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Certification Design Ready	RF	WLAN for CE (RED / SAR)
	EMC	WLAN for CE
	Safety & Environment	- CB - cTUVus (by request) - WEEE - RoHS (Declaration)
	Others	- HDCP (HDMI) - Erp Lot 6 - Energy Star 8.0 Compliance - TPM2.0 - HDMI 2.1 TMDS w/ certification