

	新產品規格書
精英電腦股份有限公司	New Product Specification
PROJECT NAME : UP52ML	Pages: 2 of 4

SOC	Intel Meteor Lake-H series	■ Meteor Lake H baseline support
Memory	SO-DIMM DDR5 DRAM	■ DDR5 speed up to 4800MT/s ■ RAM Socket * 2 ■ Standard System DRAM Module ■ System DDR5 up to 64GB
Storage	M.2 2280 SSD	■ M.2 2280 Kay M Type SSD ■ Support PCIE Gen4 NVME ■ Support 256GB/512GB/1TB
LCD		■ 15.3" FHD+ IPS 1920*1200, 60Hz, NTSC 56% (optional, by request) ■ 15.3" FHD+ IPS 1920*1200, 60Hz, sRGB 100%
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		■ 86Keys for US, 87Keys for UK ■ 300.8*109.2*3.5mm ■ w/ backlit (optional) ■ CAPs lock w/ LED
Pointing Device (Touch Pad)		■ I2C interface ■ Support Windows Precision Touchpad (PTP) ■ 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 $\geq 80\%$
Adapter	65W	■ DC Output for Adapter :5V/3A , 9V/3A , 12V/3A ,15V/3A , 20V/3.25A ■ DC Output for System : 20V/3.25A ■ 65Watts, USB type C plug ■ Automatics Voltage adjustment between 100 and 240VAC ■ Input Frequency 50/60Hz ■ Surge protection

	新產品規格書
精英電腦股份有限公司	New Product Specification
PROJECT NAME : UP52ML	Pages: 3 of 4

I/O Ports	1 x Type C Port (PD 3.0 only) (MB) 1 x HDMI 2.1 TMDS (4K@60Hz) (MB) 1 x Type C Port (USB3.2 Gen 1 + PD3.0 + 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 Gen1) (DB) - With Kensington Lock support * PD priority with Type C (PD3.0 only) if Type C PD and Type C (full function) port plugged in at the same time
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 (by request) - 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:340.9mm x 246mm x 17.9mm (w/o rubber foot) - Weight: 1.79kg
Form Factor	180 degree clamshell
Battery Life	- Battery Charger time: 1 hour (Power off, 80% (+\ - 5%) battery full w/ 65W adapter) - Battery life: 9 hours in 55W battery, with Mobilemark2025 (SKU: ultra 7 (15W) / LCD FHD+ / 8GB / 256GB PCIE SSD)

		新產品規格書	
精英電腦股份有限公司		New Product Specification	
PROJECT NAME : UP52ML			Pages: 4 of 4

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 (by request) - Energy Star 9.0 (by request) - TPM2.0 - HDMI 2.1 TMDS w/ certification